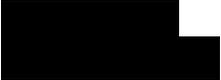




**Review of Scientific Literature Relevant to the
Food/Feed and Environmental Risk Assessment of
Bt11 × MIR162 × MIR604 × GA21 Maize**

Literature Review

TEST GUIDELINE(S): Not Applicable

AUTHOR(S): 

COMPLETION DATE: October 25, 2021

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LABORATORY PROJECT ID: Report Number: SSB-113-21

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The following statement applies to submissions to the United States Environmental Protection Agency (US EPA).

Statement of No Data Confidentiality Claim

No claim of confidentiality is made for any information contained in this report on the basis of its falling within the scope of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 10 (d) (1) (A), (B), or (C).

Company: *Syngenta Seeds, LLC*

Company Representative:

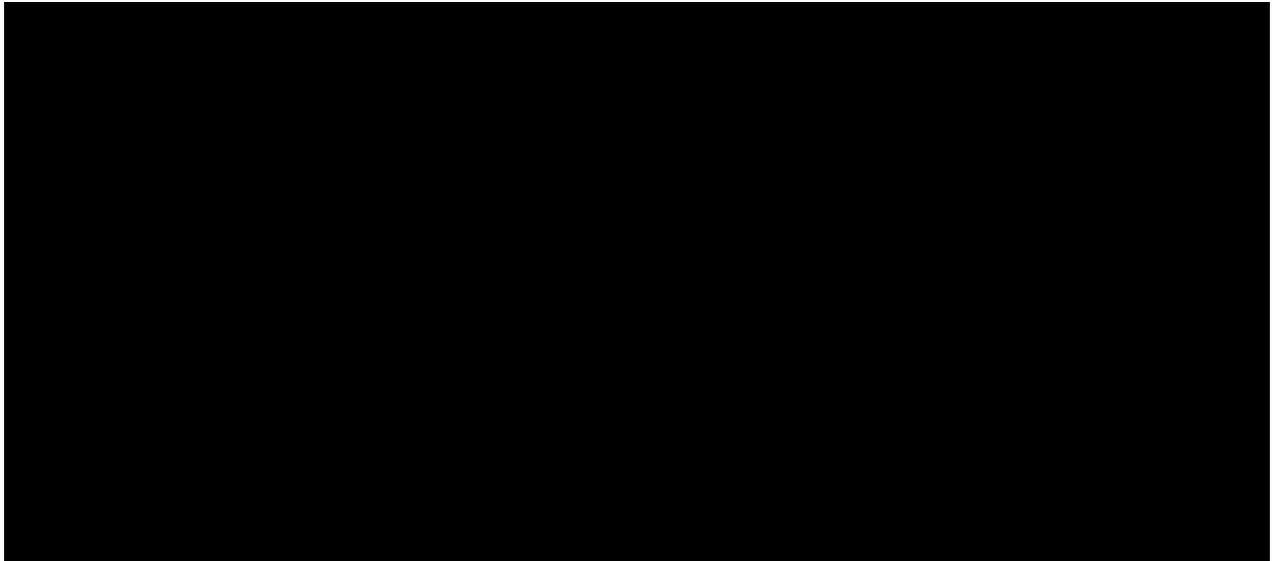


October 25, 2021

Date

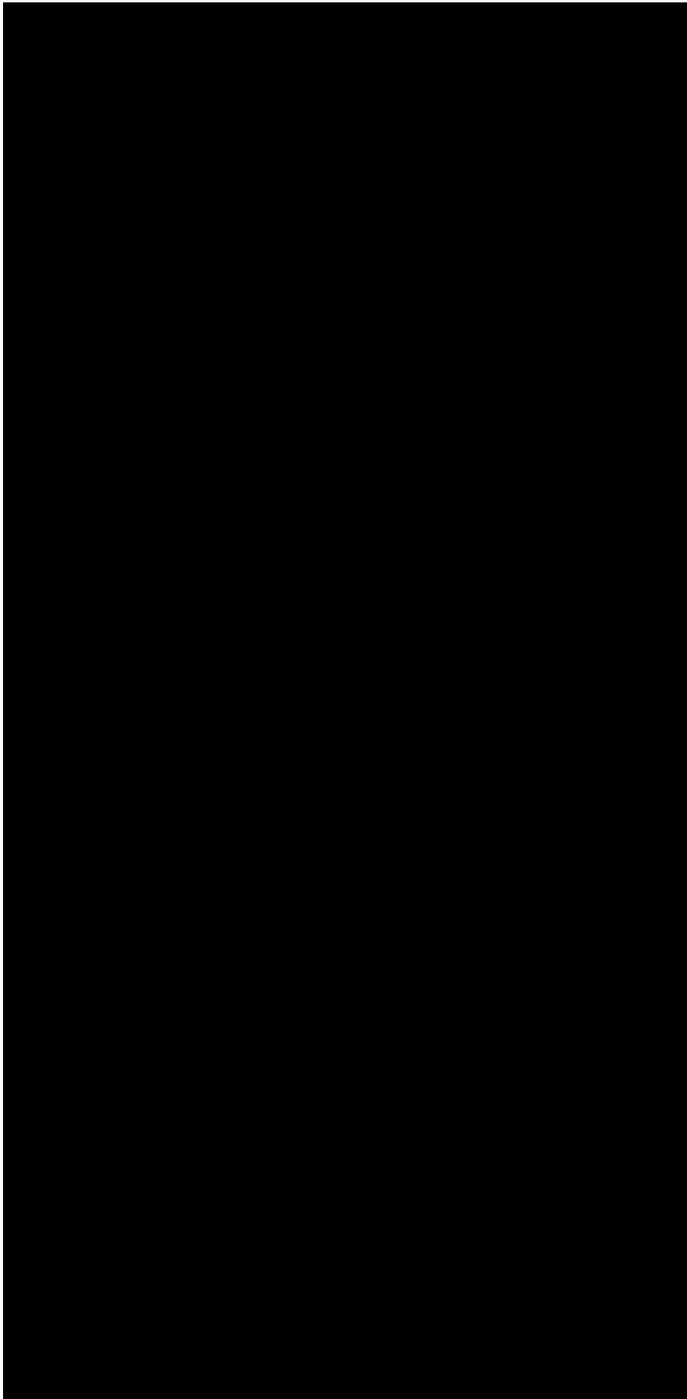
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This is not a study as defined by 40 CFR Part 160.3 and is therefore not subject to Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Good Laboratory Practice Standards (GLPS; US EPA, 1989). However, all components of this analysis were performed according to accepted scientific practices, and relevant records have been retained.



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GENERAL INFORMATION

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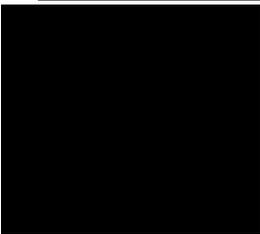
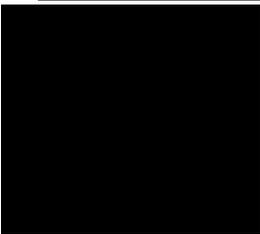
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LIST OF ACRONYMS AND ABBREVIATIONS

| | |
|-----------|--|
| CAB | Commonwealth Agricultural Bureaux |
| EFSA | European Food Safety Authority |
| ERA | Environmental Risk Assessment |
| EPSPS | 5-enolpyruvylshikimate-3-phosphate synthase |
| EU | European Union |
| FIFRA | Federal Insecticide, Fungicide, and Rodenticide Act |
| GMO | Genetically Modified Organism |
| ISAAA | International Service for the Acquisition of Agri-Biotech Applications |
| MEDLINE | MEDical Literature Analysis and Retrieval System Online |
| mEPSPS | double-mutated 5-enolpyruvylshikimate-3-phosphate synthase |
| NA | Not Applicable |
| NTO | Nontarget organism |
| PAT | Phosphinothricin acetyltransferase |
| PICO/PECO | Population, Intervention/Exposure, Comparator, Outcomes |
| PMEM | Post-Market Environmental Monitoring |
| PMI | Phosphomannose isomerase |

1.0 EXECUTIVE SUMMARY

Syngenta has developed Bt11 x MIR162 x MIR604 x GA21 maize (*Zea mays* L., corn) by combining four individual transformation events using conventional breeding.

A systematic literature search and scoping review for the Bt11 x MIR162 x MIR604 x GA21 stack maize and all sub-combinations in scope was conducted following the requirements of the European Food Safety Authority (EFSA) technical note on literature searching to GMO risk assessment guidance in the context of an annual post-market environmental monitoring (PMEM) report on GMOs (EFSA 2019).

A broad literature search was performed using a pre-defined comprehensive search strategy over a collection of bibliographic databases, covering a database entry period from June 01, 2020 to July 01, 2021. A total of four public databases based on their coverage of scientific literature were searched via Ovid search interface. The records were de-duplicated after combining records retrieved from all the databases to generate unique references. Similarly, the internet pages of regulatory agencies and risk assessment bodies that are involved in the risk assessment of stacks and post their risk assessments on their websites were searched.

This literature search identified a total of 131 records from database search, of which all 131 records were excluded and no subsequent steps of reviews were carried out. Similarly, the literature search identified a total of 23 records from the internet search, of which all 23 records were excluded.

Therefore, the literature search results, and review support the existing safety assessment of the Bt11 x MIR162 x MIR604 x GA21 stack maize and all sub-combinations in scope.

2.0 METHODS

2.1 Objective of the Scoping Review

The objective of this systematic literature search and scoping review was to search scientific publications in order to collect, identify, and assess evidence that is relevant to the risk assessment of Bt11 x MIR162 x MIR604 x GA21 stack maize and all sub-combinations in scope in the context of an annual post-market environmental monitoring (PMEM) report on GMOs authorized in the EU market.

Syngenta developed Bt11 x MIR162 x MIR604 x GA21 maize (*Zea mays* L., corn) by combining four individual transformation events using conventional breeding. Maize plants derived from transformation Event Bt11 contain the transgene *cry1Ab*, which encodes the insecticidal protein Cry1Ab, and the transgene *pat*, which encodes the enzyme phosphinothricin acetyltransferase (PAT). The native, full-length Cry1Ab produced by the soil bacterium *Bacillus thuringiensis* subsp. *kurstaki* is active against certain lepidopteran insect pests of maize, including *Ostrinia nubilalis* and *Sesamia nonagrioides*. The Cry1Ab produced by Bt11 maize is a truncated version of native Cry1Ab that retains activity against lepidopterans. The transgene *pat* was derived from the soil bacterium *Streptomyces*

viridochromogenes. PAT acetylates glufosinate-ammonium, thus inactivating it and conferring tolerance to glufosinate-ammonium in herbicide products. PAT was used as a selectable marker in the development of Bt11 maize.

Maize plants derived from Event MIR162 contain the transgene *vip3Aa20*, which encodes the insecticidal protein Vip3Aa20, and the transgene *pmi*. Vip3Aa20 is a variant of the native Vip3Aa1 protein from the soil bacterium *B. thuringiensis* strain AB88, and is active against certain lepidopteran pests of maize, including *Spodoptera frugiperda* and *Helicoverpa zea*. PMI was used as a selectable marker in the development of MIR162 maize.

Maize plants derived from Event MIR604 provide control of certain coleopteran insect pests. Event MIR604 maize plants contain the transgene *mcry3A*, which encodes the insecticidal protein mCry3A, and the transgene *pmi*, which encodes the enzyme PMI. The native Cry3A from the soil bacterium *B. thuringiensis* subsp. *tenebrionis* is active against certain coleopteran pests of maize. The mCry3A produced by MIR604 was modified to have enhanced activity against the *Diabrotica virgifera virgifera* and other related coleopteran pests. PMI was used as a selectable marker in the development of MIR604 maize. PMI expressed in MIR604 maize differs from the *E.coli* PMI by two amino acids and has been designated MIR604 PMI.

Maize plants derived from transformation Event GA21 contain the transgene *mepsps*, which encodes the enzyme double-mutated 5-enolpyruvylshikimate-3-phosphate synthase (mEPSPS). The native 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) from *Z. mays* is involved in synthesis of aromatic amino acids and is inhibited by glyphosate. The double-mutated mEPSPS produced by GA21 maize has low affinity for glyphosate compared to the native EPSPS, thus conferring tolerance to glyphosate in herbicide products.

2.2 Formulating Review Questions and Clarifying Their Purpose

2.2.1 Review Question

The review question associated with this literature search was:

Do either food/feed products derived from Bt11 × MIR162 × MIR604 × GA21 maize including all sub-combinations in scope or the combined intended traits have adverse effects on human and animal health, and/or the environment?

This review question followed the PICO/PECO structure with key elements “Population, Intervention/Exposure, Comparator, Outcomes” (Table 1).

TABLE 1 Review Question in PICO/PECO Structure

| Element | Components of Review Question |
|--|--|
| <u>P</u> opulation | Human and animal health and the environment |
| <u>I</u> ntervention/ <u>E</u> xposure | Bt11 × MIR162 × MIR604 × GA21 maize and all sub-combinations in scope, derived food/feed products, and/or relevant combinations of Cry1Ab, phosphinothricin acetyltransferase (PAT), Vip3Aa20, phosphomannose isomerase (PMI [including MIR604 PMI]), modified Cry3A (mCry3A) and double-mutated 5-enolpyruvylshikimate-3-phosphate synthase (mEPSPS) and closely related variants |
| <u>C</u> omparator | conventional counterpart (if applicable) |
| <u>O</u> utcome | adverse effects |

Because the search approach was not exclusionary (i.e., did not exclude the presence of any other events in retrieved records) searching the name of any of the single events comprising the Bt11 × MIR162 × MIR604 × GA21 maize stack has the possibility to return literature relevant to the stack of interest and all sub-combinations. A binary search term approach was developed to return literature on those titles related to all the possible stack combinations of this application. A similar approach was used for the proteins associated with the events. The sub-combinations relevant to Bt11 × MIR162 × MIR604 × GA21 maize EU market authorization are listed in Table 2.

TABLE 2 List of Sub-combinations in Scope for Bt11 × MIR162 × MIR604 × GA21 Maize Application

| | |
|--|--------------------------------------|
| Highest order stack | Bt11 × MIR162 × MIR604 × GA21 |
| | Bt11 × MIR162 × MIR604 |
| Four sub-combinations of three events | Bt11 × MIR162 × GA21 |
| | Bt11 × MIR604 × GA21 |
| | MIR162 × MIR604 × GA21 |
| | Bt11 × MIR162 |
| | Bt11 × MIR604 |
| Six sub-combinations of two events | Bt11 × GA21 |
| | MIR162 × MIR604 |
| | MIR162 × GA21 |
| | MIR604 × GA21 |

2.2.2 Eligibility/Inclusion Criteria

High level key concepts for inclusion/exclusion criteria intended to establish relevance of retrieved records are provided in the order of importance or ease of finding information on the criteria within a publication (Table 3). The first failed eligibility/inclusion criterion was used as the primary reason for exclusion, and the remaining criteria were not assessed.

TABLE 3 Eligibility/Inclusion Criteria to Establish Relevance

| Concepts | Criteria | Comment |
|---|--|---|
| Stacked events obtained by conventional crosses/subcombinations | A publication is included when it addresses the highest order breeding stack and/or a sub-combination or sub-combinations of the single events of the highest order breeding stack independently of its/their origin. | This permits the selection of publications on the higher order breeding stack and/or sub-combinations of the single events of the higher order that are in scope of the Bt11 × MIR162 × MIR604 × GA21 application, independently of their origin. This permits the exclusion of publications only on the single events of the higher stacked event, because the risk assessment of GMO applications for stacked events covers only products in the scope of the GMO application – i.e., the higher order and sub-combinations of the singles involved, independently of their origin. |
| Intervention/exposure | Bt11 × MIR162 × MIR604 × GA21 maize and all sub-combinations in scope, derived food/feed products, and/or the intended trait(s) | Intended traits include glufosinate herbicide tolerance, glyphosate herbicide tolerance, coleopteran insect resistance, lepidopteran insect resistance and mannose metabolism. Closely related variants of the insecticidal proteins included in scope were those that shared the same tertiary level of Crickmore nomenclature for Cry1Ab. Closely related variants of Vip3Aa20 and mCry3A are those that share the same secondary level of Crickmore nomenclature. Any enzyme classified as a 5-enol pyruvylshikimate-3-phosphate synthase was considered as in scope if the EPSPS protein imparts the glyphosate tolerance trait. Any enzyme classified as a phosphinothricin acetyltransferase (PAT) was considered as in scope. Any enzyme as a phosphomannose isomerase was considered as in scope. Only unique combinations of these protein associated with the stack and its sub-combinations were in scope. |
| Information/data requirements | Data inform one or more information/data requirement(s) for the GMO and derived food/feed products under consideration, including the intended trait(s) | Publications that potentially contribute to the knowledge informing the risk assessment of Bt11 × MIR162 × MIR604 × GA21 maize (information/data requirements provided in Table 4) and all sub-combinations in scope will be considered relevant. Based on the scope of the application certain information/data requirements may be excluded. These are also detailed in Table 4. Publications addressing issues such as benefits, socio-economics, ethics, crop protection, detection methods, efficacy, public perception and risk communication will be excluded using this criterion, as they are not relevant to the risk assessment as defined in this document. |
| Scope of GMO application | The pathways and level of exposure to the GMO, derived food/feed products, and the intended trait(s) addressed in the publication are relevant for the intended uses of the GMO and derived food/feed products under regulatory review | Publications must address pathways and levels of exposure relevant to the scope of the application: import and processing of Bt11 × MIR162 × MIR604 × GA21 maize and all sub-combinations in scope for food/feed uses. |

| Concepts | Criteria | Comment |
|---------------------------------------|--|---|
| Reporting format | Original/primary data are presented in the publication or it is a risk assessment from a relevant key organization (such as regulatory agencies and risk assessment bodies involved in the risk assessment of GMOs) | Records that do not present original/primary data (e.g. reviews, editorials, position papers) will be excluded. Reviews will be only included if they present data that are not available from a primary research study. Risk assessments performed and reported by relevant key organizations will be included if they address Bt11 × MIR162 × MIR604 × GA21 maize, any of the relevant sub-combinations, and unique combinations of Cry1Ab, PAT, Vip3Aa20, PMI, mCry3A, MIR604 PMI and mEPSPS and closely related variants. |
| Previously risk assessed publications | As indicated by EFSA, a publication should be included if it has not been previously risk assessed by EFSA and/or its GMO Panel and is not cited/referenced in an EFSA/GMO Panel output | If a publication has previously been considered by EFSA it will be excluded. Any cited/referenced publications contained within documents produced by EFSA and/or its GMO Panel will be excluded. |
| Access | Full-text document is accessible | If potentially relevant full-text documents cannot be obtained, then they will be listed in a table with a description of the (unsuccessful) methods used to try to obtain a copy. |
| Population | Human and animal health, and/or the environment are addressed as general protection goals | All of the information/data requirements categories described in Table 4 are thought to inform the risk assessment related to human and animal health, and/or the environment. Therefore, if a publication meets the inclusion criteria described in this Table and meets the information/data requirements in Table 4 it will be considered relevant. |
| Outcomes | Effects/impacts on human and animal health, and/or the environment are addressed | Publications that address Bt11 × MIR162 × MIR604 × GA21 maize, or sub-combinations in scope also need to address effects/impacts on entities of concern, and potential determinants of exposure that place these entities at risk in order to be relevant to the risk assessment of Bt11 × MIR162 × MIR604 × GA21 maize, or sub-combinations in scope. |
| Comparator | If the publication is a comparative study that uses plant material as a test material, eligible publications must report a non-GM variety | Publications that address Bt11 × MIR162 × MIR604 × GA21 maize or sub-combinations in scope, must also include a conventional counterpart as a comparator in those cases where comparative analysis is conducted and plant material is used as test material. Any uncertainties about the appropriateness of the comparator was addressed in the assessment of the publication. |
| Plant species | The publication may address the same plant species as the GMO under consideration, but could also address any plant species producing unique combinations of Cry1Ab, PAT, Vip3Aa20, PMI (including MIR604 PMI), modified Cry3A (mCry3A) and mEPSPS | The review question addresses the safe use of the intended trait(s) of Bt11 × MIR162 × MIR604 × GA21 maize and all sub-combinations in scope. Therefore, GMOs that contain Cry1Ab, PAT, Vip3Aa20, PMI (including MIR604 PMI), modified Cry3A (mCry3A) and mEPSPS or closely related variants, but are introduced into another plant species may be included. For certain types of data, the presence of the transgenic proteins in a different plant |

| Concepts | Criteria | Comment |
|-----------------------|--|--|
| | proteins in the stack or sub-combinations in scope of the application. | species will not impact the assessment of Bt11 × MIR162 × MIR604 × GA21 maize. Those types of data are identified as event specific in Table 4. |
| Target pest/organisms | Target pests/organisms addressed in the study are established in the EU | Records related to the intervention/exposure and target pests/organisms will be excluded because the scope of the application is import for food/feed uses and this concept would be relevant for cultivation applications only. |
| Reporting format | A study should only be presented once, but if it is presented in more than one publication, all publications should be listed and grouped. | Duplicate publications will be excluded at the initial screening stage. Only one copy of a study will be presented even if it is reported in different publications. |

Expert knowledge on data used in the risk assessment of the GMO is required. Some examples of relevant data/information on the information/data requirements concept included in Table 3 are listed in Table 4. If certain data are considered stack/sub-combination specific or specific to the unique transgenic protein combinations expressed in Bt11 × MIR162 × MIR604 × GA21 maize and the sub-combinations in scope, it is noted. If the record did not contain enough information to determine if the protein being evaluated is a closely-related variant, then it was included.

TABLE 4 Overview of Main Categories of Information/Data Requirements

| Information/data requirement | Non-exhaustive list of specific information/data requirements |
|--|---|
| Molecular characterization of the genetic modification of Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in the scope | <ul style="list-style-type: none"> • Information on the inserted/modified DNA including: sequence, size, copy number, genetic element arrangement, deletions, location, sequence similarity searches, analysis of open reading frames for each individual events in the stack maize (stack/sub-combination specific) • Expression data of inserted/modified sequences (stack/sub-combination specific) • Genetic stability (stack/sub-combination specific) • Data on the equivalence between plant-produced and microbially-produced proteins (stack/sub-combination specific) |
| Agronomic, phenotypic and compositional characterization of the Bt11 × MIR162 × MIR604 × GA21 maize | <ul style="list-style-type: none"> • Comparative assessment of agronomic and phenotypic characteristics under field or controlled conditions (stack/sub-combination specific) • Comparative analysis of key nutritional constituents (stack/sub-combination specific) |
| Toxicological assessment of newly expressed protein(s), new constituents other than proteins, and the whole GM food/feed | <ul style="list-style-type: none"> • Toxicity studies in rodents (protein combinations in scope) • Whole food/feed animal feeding studies (stack/sub-combination specific) |
| Allergenicity assessment of the newly expressed protein and the GM food/feed, and adjuvanticity | <ul style="list-style-type: none"> • Serum screening (protein combinations in scope) • <i>In vivo</i> tests in animal models • Expression data for endogenous allergens in maize (stack/sub-combination specific) |
| Nutritional assessment of the newly expressed protein(s), other new constituents, as well as potential alterations in the total diet of the consumer or the animal | <ul style="list-style-type: none"> • Anticipated dietary intake of food/feed and the resulting nutritional impact (stack/sub-combination specific) • Comparative growth performance studies with young rapidly growing animal species (stack/sub-combination specific). |
| Post-market monitoring | <ul style="list-style-type: none"> • Description of mechanisms for determining actual changes to overall dietary intake patterns of the Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in scope, to what extent this has occurred and whether or not the product induces known (side) effects or unexpected side effects • Information on the reliability, sensitivity and specificity of the post market monitoring methods. |
| Persistence and invasiveness assessment, including plant-to-plant gene transfer | <ul style="list-style-type: none"> • Measurements of volunteer occurrence and establishment (stack/sub-combination specific) • Replacement capacity (stack/sub-combination specific) • Fitness of the Bt11 × MIR162 × MIR604 × GA21 plant in various environmental conditions – if the relevant combinations or sub-combinations of newly expressed proteins are expressed in a different plant species then the publication may be considered relevant. |
| Assessment of plant to micro-organism gene transfer | <ul style="list-style-type: none"> • This type of data is covered in the scope of the single event literature review. |
| Assessment of interactions with target organisms | <ul style="list-style-type: none"> • Excluded based on the scope of the application. The scope of this application covers the import, processing, and food and feed use of Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in the scope in the EU. According to the EFSA ERA Guidance (EFSA 2010): “<i>resistance development is only</i> |

| Information/data requirement | Non-exhaustive list of specific information/data requirements |
|--|--|
| Assessment of interactions with nontarget organisms | <p data-bbox="758 305 1894 423"><i>relevant for applications with scope cultivation of GM plants and not for applications restricted to import and processing of GM plants and their products</i>" (EFSA 2010). Therefore, an assessment of the potential resistance development in target organisms resulting from the import, processing and food and feed use Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in scope is not relevant for this application.</p> <ul data-bbox="716 431 1881 667" style="list-style-type: none"> <li data-bbox="716 431 1881 667">• The EFSA ERA Guidance (EFSA 2010) states that: "in cases where the application does not include cultivation in the EU, direct environmental exposure of NTOs to the GM plant is via accidental release into the environment of seeds or propagules during transportation and processing. This may result in sporadic occurrence of feral plants and therefore exposure of NTO populations is likely to be negligible. The ERA will then focus on indirect exposure to products of the GM plant (e.g., through manure and faeces from animals fed the GM plant, and other by-products of industrial processes)". Therefore, any publications that discuss direct exposure in test protein and laboratory studies or field survey data will be considered not relevant based on scope of application. |
| Assessment of interactions with biogeochemical and abiotic processes | <ul data-bbox="716 675 1881 911" style="list-style-type: none"> <li data-bbox="716 675 1881 911">• Excluded based on the scope of the application. The scope of this application covers the import, processing and food and feed use of Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in scope in the EU. According to the EFSA ERA Guidance (EFSA 2010): "<i>applications concerning food/feed uses and import and processing do not require scientific information on possible environmental effects associated with the cultivation of the plant</i>" therefore, an assessment of the impacts of Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in scope on biogeochemical processes resulting from specific cultivation, management and harvesting techniques is not relevant given the scope of this application. |
| Assessment of impact of specific cultivation, management and harvesting techniques | <ul data-bbox="716 919 1881 1154" style="list-style-type: none"> <li data-bbox="716 919 1881 1154">• Excluded based on the scope of the application. The scope of this application covers the import, processing and food and feed use of Bt11 × MIR162 × MIR162 × GA21 maize and sub-combinations in the scope in the EU. Cultivation of Bt11 × MIR162 × MIR604 × GA21 maize in the EU is not included in the scope. According to the EFSA ERA guidance (EFSA 2010): "<i>for GM plants for import and processing that are not intended for cultivation in the EU, there is no need for an ERA for altered cultivation, management and harvesting techniques</i>". Therefore, an assessment of impact of specific cultivation, management and harvesting techniques of Bt11 × MIR162 × MIR604 × GA21 maize is not relevant for this application. |

| Information/data requirement | Non-exhaustive list of specific information/data requirements |
|--------------------------------------|--|
| Risk mitigation | <ul style="list-style-type: none">Excluded based on the scope of the application. Risk mitigation measures such as high dose/refuge strategy, isolation distance from protected habitats hosting species of conservation concern that are at risk, integrated pest/weed management are only relevant to cultivation. The scope of this application covers the import, processing and food and feed use of Bt11 × MIR162 × MIR604 × GA21 maize and sub-combinations in scope. |
| Post-market environmental monitoring | <ul style="list-style-type: none">Excluded based on the scope of the application. Monitoring such as insect resistance is relevant only to cultivation. The scope of this application covers the import, processing and food and feed use of Bt11 × MIR162 × MIR604 × GA21 maize and included sub-combinations. |

3.0 SEARCHING FOR/IDENTIFYING RELEVANT PUBLICATIONS

3.1 Electronic Bibliographic Databases

To search for different types of publications and unpublished work that could provide information on the review question, multidisciplinary citation databases which include grey literature (i.e., not peer reviewed) was used. A total of four public databases including MEDical Literature Analysis and Retrieval System Online (Medline), Agricola, Commonwealth Agricultural Bureaux (CAB) Abstracts, and BIOSIS Previews® were searched via Ovid search interface (provided by Ovid Technologies). Each of the databases has a thesaurus. These databases were selected based on their coverage of scientific literature for relevant subjects including, but not limited to, biomedicine, plant diseases, agriculture, life sciences, pesticides, human health and nutrition, animal health, plant science, biotechnology, and environmental studies. The document types in these databases include journal articles, technical letters and notes, conference proceedings, book chapters, reports, and articles in press.

Due to the use of multiple (i.e., 4) multi-disciplinary databases and redundancy in coverage it is unlikely that late edition of a publication would be missed.

3.2 Internet Searches

3.2.1 Key organizations

The internet pages of regulatory agencies and risk assessment bodies that are involved in the risk assessment of stacks and post their risk assessments on their websites (Table 5) were searched for documents related to Bt11 × MIR162 × MIR604 × GA21 maize.

TABLE 5 Key Organization Pages Included in the Search

| Regulatory agency/risk assessment body | Web address |
|---|---|
| US Environmental Protection Agency | https://www.epa.gov/ingredients-used-pesticide-products/current-and-previously-registered-section-3-plant-incorporated |
| Health Canada ^a | https://www.canada.ca/en/health-canada/services/food-nutrition/genetically-modified-foods-other-novel-foods/approved-products.html |
| Office of the Gene Technology Regulator | http://www.ogtr.gov.au/ |
| National Technical Commission on Biosafety ^b | http://ctnbio.mctic.gov.br/inicio |
| Ministry of Agriculture, Forestry and Fisheries | http://www.maff.go.jp/e/ |

^aAlso searches Environment and Climate Change Canada (<https://www.canada.ca/en/environment-climate-change.html>) and Canadian Food Inspection Agency (<http://www.inspection.gc.ca/plants/plants-with-novel-traits/notices-of-submission/eng/1300143491851/1300143550790>).

^bReports that reflect individual reviewer opinions are excluded from evaluation because they are considered when developing the official final opinion of the agency.

Note: Regulatory agencies in Mexico (Intersecretarial Commission on Biosafety of GMOs) and Argentina (National Advisory Commission on Agriculture Biotechnology) do not post the relevant document types on their respective agency websites, and will not be searched.

3.2.2 Web-based Search Engines and Databases

General search engines such as GOOGLE Scholar and web-based databases known to contain information specifically on effects of GMOs were not searched. The search of the databases and key organization websites is considered to provide an adequately comprehensive search of literature.

3.2.3 Manual Searches

3.2.3.1 Checking Reference Lists

Reviews of methodological publications, guidelines, and scientific opinions from regulatory agencies were retrieved using the search strategy and no documents were classified as relevant to the review question.

3.2.3.2 Hand Searching

Hand searching was not conducted. The search of the databases and key organization websites is considered to provide an adequately comprehensive search of literature.

3.2.3.3 Citation Searching

Citation searching was not conducted. The search of the databases and key organization websites is considered to provide an adequately comprehensive search of literature.

3.3 Constructing the Search Strategy

3.3.1 Database Searching

3.3.1.1 Approaches to Develop Searches

The “lumping” approach was utilized. A single search strategy was developed to capture all categories of information of interest in one search. This strategy was used because previous experience indicated that a manageable number of studies was returned.

3.3.1.2 Search Terms

Identifying search terms

Search terms were identified by:

- Assessing subject indexing terms of relevant publications recorded in those electronic bibliographic databases that use thesauri
 - All publications returned from literature search reports that aim to comply with the EFSA explanatory note and deemed relevant to the review questions were examined to determine the subject indexing terms associated with it.
- Seeking suggestions from experts and stakeholders
 - The search terms were developed using a multi-disciplinary team (i.e., risk assessors, information specialists, regulatory affairs managers).

Free-text terms and subject indexing terms

The searches with the Ovid platform utilized the keyword search in the advanced search window. The keyword search uses a default set of fields designated .mp, which vary by database. Therefore, Ovid uses the term “keyword” to indicate that it is executing a multi-field search. In each database the specific fields searched are a different combination of free-text and controlled vocabulary fields, with Ovid switching automatically to the appropriate fields when a database is selected.¹

In Ovid, the fields used in the .mp keyword search are word searchable, therefore any search only has to find a single word in a controlled vocabulary field that contains phrases to return as search results all references indexed to that subject heading. Thus, a search strategy which includes “genetic*” will return the following (highlighted below):

- **Genetically modified foods** or **genetic engineering** in the Subject Headings field in Agricola,
- Zea mays: species, maize, common, genetically modified, strain-Bt10 [Gramineae] in the Organism field in BIOSIS Previews,
- **Genetically engineered organisms** in the Subject Headings field in CAB Abstracts,
- Plants, Genetically Modified / ge [Genetics] or **Genetic Engineering** in MeSH Subject Headings in Medline

Subsequent combining of terms, (genetic* AND (modif* OR engineer*)) (in bold), yields all references with these headings to be in the final results for that search set. Therefore, it was not necessary to search each exact controlled phrase in order to return all references for each of the specific headings.

Appendix A provides 1) the search history (including the full strategy used and fields searched as run in the database) and the number of publications identified (line by line) for each bibliographic database prior to de-duplication, and 2) the subject indexing used by each database as shown within the brackets after each search term.

3.3.1.3 Free-text Searching Functions

¹In Agricola the .mp fields are: free-text—abstract; geographic area; identifier; meeting information; map information; note; original title; personal name as subject; title—and controlled vocabulary—category code; subject heading.

In BIOSIS Previews the .mp fields are: free-text—abstract; book title; gene name; miscellaneous descriptors; methods & equipment; original language book title; title—and controlled vocabulary—biosystematic codes; chemicals & biochemicals; concept codes; diseases; geopolitical locations; major concepts; organisms; parts, structure & systems of organisms; sequence data; super taxa; taxa notes; time.

In CAB Abstracts the .mp fields are: free-text—abstract; identifiers; original title; title—and controlled vocabulary—broad terms; geographic location; organism descriptors; subject headings.

In Medline the .mp fields are: free-text—abstract; keyword heading word; original title; synonyms; title; unique identifier—and controlled vocabulary—floating sub-heading word; name of substance word; organism supplementary concept word; protocol supplementary concept word; rare disease supplementary concept word; subject heading word.

The search terms were selected to incorporate a wide variety of synonymous and related terms. Truncation and wildcards were used where appropriate to capture different conventions in spelling and variation in the endings of terms.

3.3.1.4 Search Strings

Search strings were combined with Boolean and proximity operators appropriate for the scope of the review.

3.3.1.5 Key Elements of Review Questions to Use for Best Results

A very large number of publications were returned using only the four key elements of Event, Intended trait, newly expressed protein(s), and Trade Name. To prevent a very large number of publications from being returned while still achieving sensitivity, additional key elements were added to the search strategy. Sensitivity was defined as the ability to return the previously deemed relevant articles with the new search string. ‘A very large number’ is not defined in the Explanatory Note (EFSA 2019); however, the number returned with other search strategies (e.g., (Event OR Intended Trait OR Newly Expressed Protein(s) OR Trade Name) or (Event OR Trade name OR ((Intended Trait OR Newly Expressed Protein(s)) AND (Plant Species or GMO)))) was so large that it could not be de-duplicated by the search platform.

Therefore, the search structure included the following search concepts/key elements; Event, Trade Name, Newly Expressed Protein(s), or Intended Trait in the same publications as terms describing plant species and/or GMO general terms. The search strategy employed was:

- Single event combinations OR Trade name OR Newly expressed protein combinations, OR (((Intended trait AND GMO general) OR GMO general × Intended trait) AND Plant species) OR GMO general × Intended trait - insecticidal

The search strategy employed captured literature relevant to Bt11 × MIR162 × MIR604 × GA21 maize (Table 6). The same search string was used in all databases. Since the Ovid search platform simultaneously searches free-text and subject headings there is no disadvantage to using all search terms in all databases. For example, if ‘Genetically engineered organisms’ is a subject heading in CAB Abstracts but not in Agricola including this term in the search of the Agricola databases still allows for free-text searching of this term.

TABLE 6 Search String Strategy

| Set | Field | Search String | Concepts/Key Elements |
|-----|-------|--|-----------------------|
| 1 | Topic | Bt11 OR Bt 11 OR SYN-BT?11-1 | Event Bt11 |
| 2 | Topic | MIR162 OR MIR 162 OR SYN-IR162-4 | Event MIR162 |
| 3 | Topic | MIR604 OR MIR 604 OR SYN-IR6?4-5 | Event MIR604 |
| 4 | Topic | GA21 OR GA 21 OR GA2I OR GA 2I OR MON ØØØ21* OR MON OOO21* OR MON 00021* OR MON empty setempty setempty set21* OR MONØØØ21* OR MONOOO21* OR MON00021* OR MONempty setempty setempty set21* OR M0N ØØØ21* OR M0N OOO21* OR M0N 00021* OR M0N empty setempty setempty set21* OR M0NØØØ21* OR M0N00021* OR M0N00021* OR M0Nempty setempty setempty set21* | Event GA21 |

| Set | Field | Search String | Concepts/Key Elements |
|-----|-------|--|---|
| 5 | | #1 AND (#2 OR #3 OR #4) | Included event combinations |
| 6 | | #2 AND (#3 OR #4) | Included event combinations |
| 7 | | #3 AND #4 | Included event combinations |
| 8 | | #5 OR #6 OR #7 | All relevant single event combinations |
| 9 | | Agrisure* | Trade name of the highest order stack, single events and subcombinations ^a |
| 10 | Topic | Cry1Ab* OR Cry 1Ab* OR Cry1 Ab* OR Cry 1 Ab* OR CryIAb* OR Cry IAb* OR CryI Ab* OR Cry I Ab* | Newly expressed protein in Bt11 |
| 11 | Topic | Phosphinothricin N acetyltransferase OR Phosphinothricin N acetyl transferase OR Phosphinothricin acetyltransferase OR Phosphinothricin acetyl transferase OR PPT acetyltransferase OR PPT acetyl transferase OR PT N acetyltransferase OR PT N acetyl transferase OR Glufosinate acetyltransferase OR Glufosinate acetyl transferase OR Gluphosinate acetyltransferase OR Gluphosinate acetyl transferase OR pat OR 111069-93-3 OR EC 2.3.1.183 OR E.C. 2.3.1.183 | Newly expressed protein in Bt11 |
| 12 | Topic | Vip3AA20* OR Vip3 AA20* OR Vip3 AA 20* OR Vip3A A 20* | Newly expressed protein in MIR162 |
| 13 | Topic | Phosphomannoisomerase OR Mannose 6-phosphate isomerase OR Phosphomannoseisomerase OR Phosphomannose isomerase OR 9023-88-5 OR AAA24109 OR EC 5.3.1.8 OR E.C. 5.3.1.8 | Newly expressed protein in MIR162 and MIR604 |

| Set | Field | Search String | Concepts/Key Elements |
|-----|-------|---|--|
| 14 | Topic | mCry3A* OR mCry 3A* OR mCry 3 A* OR Cry3A* OR Cry 3A* OR Cry 3 A* | Newly expressed protein in MIR604 |
| 15 | Topic | 5 enol pyruvyl shikimate 3 phosphate synthase OR 5 enolpyruvyl shikimate 3 phosphate synthase OR 5 enolpyruvylshikimate 3 phosphate synthase OR EPSP synthase OR MEPSP synthase OR EPSPS OR MEPSPS OR EC 2.5.1.1.9 OR E.C. 2.5.1.19 | Newly expressed protein in GA21 maize |
| 16 | | #10 AND (#12 OR #13 OR #14 OR #15) | Combinations of the newly expressed proteins in Bt11 (Cry1Ab) with those expressed in other events |
| 17 | | #11 AND (#12 OR #13 OR #14 OR #15) | Combinations of the newly expressed proteins in Bt11 (PAT) with those expressed in other events |
| 18 | | #12 AND (#14 OR #15) | Combinations of the newly expressed proteins in MIR162 with those expressed in other events |
| 19 | | #13 AND #15 | Combinations of the newly expressed proteins in MIR162 and MIR604 (PMI) with those expressed in other events |
| 20 | | #14 AND #15 | Combinations of the newly expressed proteins in MIR604 with those expressed in other events |
| 21 | | #16 OR #17 OR #18 OR #19 OR #20 | Combinations of newly expressed protein |
| 22 | Topic | ((Insect or Insects or coleoptera* or lepidoptera* or pest or pests or stalkborer* or stalk borer* or borer* or cornborer* or corn borer* or noctuidae or Crambidae or Chrysomelidae or earworm* or ear worm* or armyworm* or army worm* or cutworm* or cut worm* or rootworm* or root worm* or Ostrinia or O nubilalis or Diatraea or D grandiosella or D crambidoides or Helicoverpa or H zea or Spodoptera or S frugiperda or S exigua or Papaipema or P nebris or Elasmopalpus or E lignosellus or D saccharalis or Striacosta or S albicosta or Agrotis or A ipsilon or Feltia or F jaculifera or Pseudaletia or P unipuncta or Diabrotica or D virgifera or D barberi or ECB or SWCB or SCSB or CEW or FAW or SCB or WBC or WCRW or WCR or NCRW or MCR or MCRW) adj2 (toleran* or resistan* or protect* or control*)) or B thuringiensis or Bacillus thuringiensis or ((glufosinate* or gluphosinate* or Basta* or Liberty* or Ignite* or Rely* or Finale* or Challenge* or gl?phosate or gl?fosate or roundup* or round up* or herbicide* or pesticide*) adj2 (toleran* or resistan* or protect*)) | Intended traits |
| 23 | Topic | GMO* OR LMO* OR GM OR GE OR transgen* OR ((genetic* OR living OR biotech*) ADJ3 (modif* OR transform* OR manipul* OR improv* OR engineer* OR deriv*)) OR stack* | GMO general |
| 24 | | #22 AND #23 | Intended traits AND GMO general |
| 25 | Topic | GMHT OR GEHT OR GMHR OR GEHR OR GMHTs OR GEHTs OR GMHRs OR GEHRs | GMO general x intended traits – herbicidal |

| Set | Field | Search String | Concepts/Key Elements |
|-----|-------|---|--|
| 26 | | #24 OR #25 | (Intended traits AND GMO general) OR GMO general x intended traits - herbicidal |
| 27 | Topic | Maize* OR corn* OR Zea mays OR Z mays | Plant species |
| 28 | | #26 AND #27 | ((Intended traits AND GMO general) OR GMO general x intended traits - herbicidal) AND plant species |
| 29 | Topic | ((Bt OR Bacillus thuringiensis OR B thuringiensis) ADJ5 (maize* OR corn* OR mays)) OR Btmaize* OR Btcorn* | GMO general x intended traits |
| 30 | | #8 OR #9 OR #21 OR #28 OR #29 | (Combinations of Single event) OR (Trade names) OR (Newly expressed protein) OR (((Intended traits AND GMO general) OR GMO general x intended traits - herbicidal) AND Plant species) OR (GMO general x intended traits) |

^aTrade names for all of the single events, the highest order stack and commercial sub-combinations all have Agrisure in their names. Therefore, by simply searching Agrisure it is possible to capture all relevant literature.

Various single event and sub-combinations within the scope of this literature review include:

- Bt11 - Agrisure TL, Agrisure TD, Agrisure CB/LL, Agrisure CB
- GA21 - Agrisure GT, Agrisure TG, Agrisure Artesian GTA
- MIR604 - Agrisure RW
- MIR162 - Agrisure Viptera
- Bt11 × MIR162 - Agrisure Viptera 2
- Bt11 × MIR604 × GA21 - Agrisure 3000GT, Agrisure Artesian 3011A, Agrisure 3000GT CL
- Bt11 × MIR604 - Agrisure CB/LL/RW, Agrisure CB/RW, Agrisure CB/RW, Agrisure CB/LL/RWA
- GA21 × Bt11 - Agrisure GT/CB/LL, Agrisure 3010, Agrisure 3010A, Agrisure Bt/GT, Agrisure TLTG
- GA21 × Bt11 × MIR162 - Agrisure Viptera 3110, Agrisure Viptera 3110A, Agrisure TLTG Viptera, Agrisure Viptera 3
- GA21 × Bt11 × MIR162 × MIR604 - Agrisure Viptera 3111, Agrisure Viptera 3111A, Agrisure Viptera 3111A, Agrisure Viptera 3111 CL, Agrisure Viptera 4

Because the binary search strategy is not exclusionary it allowed for the possibility of returning records on all of the subcombinations in scope of the application without searching all of the subcombinations separately (see Table 7 for an example matrix for the event terms).

TABLE 7 Matrix for the Event Terms in Scope for Bt11 × MIR162 × MIR604 × GA21 Maize

| Stacks in scope of the application | Binary search terms | | | | | |
|------------------------------------|---------------------|---------------|-------------|-----------------|---------------|---------------|
| | Bt11 × MIR162 | Bt11 × MIR604 | Bt11 × GA21 | MIR162 × MIR604 | MIR162 × GA21 | MIR604 × GA21 |
| Bt11 × MIR162 × MIR604 × GA21 | X | X | X | X | X | X |
| Bt11 × MIR162 × MIR604 | X | X | — | X | — | — |
| Bt11 × MIR162 × GA21 | X | — | X | — | X | — |
| Bt11 × MIR604 × GA21 | — | X | X | — | — | X |
| MIR162 × MIR604 × GA21 | — | — | — | X | X | X |
| Bt11 × MIR162 | X | — | — | — | — | — |
| Bt11 × MIR604 | — | X | — | — | — | — |
| Bt11 × GA21 | — | — | X | — | — | — |
| MIR162 × MIR604 | — | — | — | X | — | — |
| MIR162 × GA21 | — | — | — | — | X | — |
| MIR604 × GA21 | — | — | — | — | — | X |

3.3.1.6 Use of Multiple Languages

The search terms used were in the English language or utilized the Roman alphabet. For the event name and trade names that do not use words in the English language, translations are unlikely to exist.

3.3.1.7 Time Period

Due to the use of multiple (i.e., 4) multi-disciplinary databases and redundancy in coverage, it is unlikely that late edition of a publication would be missed. Therefore, the returned literature was limited to that which was published between June 1, 2020 and the date of the last database update prior to the search. Searches were executed on or after July 1, 2021.

Internet websites were searched, and the results were manually excluded if the records were dated outside the period of June 1, 2020 and the date the search was conducted. Searches were executed on or after July 1, 2021. If a date was undetermined on an internet website or result record, the result(s) was reviewed using the criteria in Tables 3 and 4.

3.3.1.8 Internet Searching of Regulatory Agency Webpages

The search terms selected are the event and protein names from the International Service for the Acquisition of Agri-Biotech Applications (ISAAA) (Table 8). The descriptions and information for the top 50 hits or 10% of the total hits (whichever is greater) for each search term/web page was collected.

Internet websites were searched and the results were manually excluded if the records were dated outside the period of June 1, 2020 until July 1, 2021. If a date was undetermined on an internet website or result record, the results were reviewed using the criteria in Tables 3 and 4.

TABLE 8 Nomenclature For the Single Event and Newly Expressed Proteins from the ISAAA Database for use in Searching Regulatory Agency Web Pages

| Event | Search term | Concepts/Key Elements |
|-------------------|---|------------------------------|
| Bt11 | Bt11 | Event name |
| Bt11 | Cry1Ab | Newly expressed protein |
| Bt11 | Phosphinothricin acetyltransferase | Newly expressed protein |
| MIR162 | MIR162 | Event name |
| MIR162 | Vip3Aa20 | Newly expressed protein |
| MIR604 | MIR604 | Event name |
| MIR604 | mCry3A | Newly expressed protein |
| MIR162 and MIR604 | Phosphomannose isomerase | Newly expressed protein |
| GA21 | GA21 | Event name |
| GA21 | Modified 5-enolpyruvylshikimate-3-phosphate synthase enzyme | Newly expressed protein |

3.4 Reference Publications

The search strategy is the same as the one that was previously validated with reference publications [REDACTED]

4.0 SUMMARIZING AND REPORTING THE DATA

4.1 Selecting Publications

4.1.1 Database Records

The process for selecting relevant publications is conducted in two stages. The first stage, Stage 1 requires a preliminary assessment of titles and abstracts. Those records that are clearly not relevant from reviewing the title only are excluded from further review. For those records that appear relevant or have unclear relevance, the abstracts are reviewed. A kappa test is performed after the Stage 1 review and before any discussion of abstracts over which there was disagreement by the reviewers. Those records that are clearly not relevant from reviewing the abstract are excluded from further review, while records that are relevant or have unclear relevance are reviewed in Stage 2.

Full-length articles are reviewed in Stage 2. An explanation of exclusion is provided for any full-length records that are deemed not relevant in Stage 2. Any relevant records identified in Stage 2 are subjected to reliability assessment and evaluation of the implications of the record on the food and feed, or environmental risk assessments.

Two independent reviewers examined the records for inclusion/exclusion for each eligible information/data requirement at all stages of review. During the preliminary assessment process (Stage 1), only records that were deemed clearly not relevant by all reviewers were excluded from further review. This conservative approach ensured that all potentially relevant records were evaluated until they were deemed to be either relevant or clearly not relevant in Stage 2. Following the Stage 1 reviews, reviewers scored the records as either 1) relevant or unclear relevance, 2) clearly not relevant.

4.1.2 Internet Records from Key Organizations

The records returned from searching the websites of key organizations were considered relevant if they were risk assessments, scientific opinions/reports concerning the commercial release of GMO being examined or documents on the biology of the crop of interest sponsored by the key organization. The regulatory agency webpages that were searched do not post primary data; therefore, all other document types were not considered relevant. The eligibility/inclusion criteria do not include risk assessments/dossiers submitted to regulatory authorities, only risk assessments performed and reported by relevant key organizations. Documents must have been authored by the key organizations and not the applicants to qualify as relevant.

The format of records returned from regulatory agency websites does not often meet those (i.e., title and abstract is not often provided) required to assess them using the 2-stage process followed for the database records. Those websites at which the records are published in English were assessed by two independent reviewers. Due to their format, internet full-text documents were assessed to determine their relevance in stage 2 only. For those websites where the records are not published in English, the results were translated into English and two independent reviewers determined if it met the criteria for inclusion.

The rationale for exclusion was provided only when records were classified as one of the relevant document types and were authored by the agency and excluded based on other eligibility criteria.

The following process applied to the types of internet agency documents described below. We defined a unique internet record, for the purpose of reporting the statistics, as a unique URL. Documents clearly labeled as draft or with a line for a signature that is blank were not reviewed and were classified as not relevant. If the URLs for two documents were identical except for file format (e.g., pdf versus .doc or .docx), one of the documents was considered a duplicate document and it was excluded from statistical accounting. For the group of relevant records, it was confirmed that there were no duplicate records in that group by visual examination.

4.2 Results of the Publication Selection Process

For electronic bibliographic databases, the date on which the search was conducted, the date of the most recent update of the database, the service provider used, date span of the search, any limits applied to the search (e.g., study types, dates, languages) and the total number of records retrieved across all databases was recorded (Table 9). The records were de-duplicated after combining records retrieved from all the databases. Additionally, the line-by-line strategy with the number of publications identified per line was presented in the final report. See Appendix A.

Of the 131 records reviewed from the databases at Stage 1, both the reviewers agreed to exclude all of the 131 records. This yielded a kappa test score of 0. Because of the format of documents retrieved from internet searching of key organizations (i.e., title and abstract is not often provided) the kappa test was conducted only on the output of the database search. Since all of the 131 records were excluded, no subsequent steps of reviews were carried out and no tie breaker review was needed.

For records from websites, the following were recorded (if available): the website name and service publisher used, justification for choosing the source, the URL, the date on which the search was conducted, the date of the most recent website update at the time it was searched, the date span of the search, the search terms used, any limits to the search, and the number of relevant records retrieved (Table 10). The results of the selection process from both database and internet searches are recorded in Table 11.

Of the 23 records reviewed from the internet records from key organizaions, both the reviewers agreed to exclude all of the 23 records (Table 12).

4.3 Relevant Publications

The reviewers determined that zero publications were relevant for this scoping review.

4.4 Excluded Publications After Detailed Assessment of Full-Text Documents

The reviewers determined that zero publications from the review were relevant for this scoping review. Therefore, all 23 records reviewed from the internet records from key organizaions were excluded (Table 12).

4.5 Unobtainable Publications

No publications were considered unobtainable.

4.6 Unclear Publications

No publications were considered unclear.

4.7 Full-Text Documents

No publications were considered relevant for full-text documents.

4.8 Implications of Relevant Publications on Risk Assessment

No publications were considered relevant for full-text documents.

TABLE 9 Electronic Bibliographic Database Search Results

| Database | Search Date dd/mm/yyyy | Service provider | Date span of the search dd/mm/yyyy^a | Any limits applied to the search | Number of records retrieved^b |
|-----------------|-----------------------------------|-------------------------|---|---|--|
| Agricola | 09/07/2021 | Ovid Technologies | 01/06/2020– 01/07/2021 | Dates | 73 |
| BIOSIS Previews | 09/07/2021 | Ovid Technologies | 01/06/2020– 01/07/2021 | Dates | 229 |
| CAB Abstracts | 09/07/2021 | Ovid Technologies | 01/06/2020– 01/07/2021 | Dates | 157 |
| Medline | 09/07/2021 | Ovid Technologies | 01/06/2020– 01/07/2021 | Dates | 167 |
| Total | | | | | 626 |

^aOvid only allows results to be limited by year. The frequency of database update varies. Ovid has provided us with the following update information: Agricola updated monthly on the 1st of the month, BIOSIS Previews updated weekly on Mondays, CAB Abstracts updated weekly on Mondays and Medline updated daily.

^bThe results were de-duplicated after combining records retrieved from all the databases.

TABLE 10 Regulatory Agency Webpage Search Details

| Regulatory agency name | URL | Date of search dd/mm/yyyy | Date of most recent website update dd/mm/yyyy | Date span of search ^a | Total number of records retrieved after removing duplicates | Number of relevant records |
|---|---|------------------------------|--|----------------------------------|---|----------------------------|
| Health Canada ^b | https://www.canada.ca/en/health-canada/services/food-nutrition/genetically-modified-foods-other-novel-foods/approved-products.html | 21/07/2021 | 21/04/2021 | No limitations | 9 | 0 |
| Ministry of Agriculture, Forestry and Fisheries | http://www.maff.go.jp/e/ | 07/07/2021 | NA | No limitations | 12 | 0 |
| National Technical Commission on Biosafety ^c | http://ctnbio.mcti.gov.br/ | 01/07/2021 | NA | No limitations | 2 | 0 |
| Office of the Gene Technology Regulator | http://www.ogtr.gov.au/ | 16/07/2021 | 16/07/2021 | No limitations | 0 | 0 |
| US Environmental Protection Agency | https://www.epa.gov/ingredients-used-pesticide-products/current-and-previously-registered-section-3-plant-incorporated | 20/07/2021 | 14/07/2021 | No limitations | 0 | 0 |

^aRecords published prior to June 1, 2020 were manually excluded (if any).

^bSearching these two websites leads to the same documents as the document results from the Health Canada website Environment and Climate Change Canada (<https://www.canada.ca/en/environment-climate-change.html>) and Canadian Food Inspection Agency (<http://www.inspection.gc.ca/plants/plants-with-novel-traits/notices-of-submission/eng/1300143491851/1300143550790>)

^cPartial reports are excluded from review and statistics since there is no new information contained in these reports and they are not the official final opinion of the agency.
NA= Not Applicable

TABLE 11 Results of the Publication Selection Process, for Each Review Question and or Group of Information/data Requirements Searched

| Review question and/or category of information/data requirement(s) captured in the search | Subcategories | Number of publications |
|--|-----------------------|-------------------------------|
| Publications identified after all ^a searches of the scientific literature (excluding duplicates*) | Databases | 131 |
| | Internet | 23 |
| | Manual | 0 |
| | Total | 154 |
| Publications excluded from the search results after screening of title and abstracts (stage 1) | Databases | 131 |
| | Internet ^b | NA |
| | Manual | 0 |
| | Total | 131 |
| Publications screened using full-text (stage 2) | Databases | 0 |
| | Internet | 23 |
| | Manual | 0 |
| | Total | 23 |
| Publications excluded after full-text screening | Databases | 0 |
| | Internet | 23 |
| | Manual | 0 |
| | Total | 23 |
| Unobtainable / Unclear publications | Unobtainable | 0 |
| | Unclear | 0 |
| | Total | 0 |
| Publications considered relevant | Databases | 0 |
| | Internet | 0 |
| | References | 0 |
| | Total | 0 |

^a A total of 626 publications were identified from the database search, of them 495 publications were duplicates and were removed.

^a Both from electronic bibliographic databases and other sources of scientific literature.

^b Internet results are not screened at stage 1 because they have no title or abstract.

NA= Not Applicable

TABLE 12 Report of all the Publications Excluded from Risk Assessment after Detailed Assessment of Full-Text Internet Documents

| List of references for publications excluded from the risk assessment, classified by authors | | | |
|---|---|---|--|
| Study (Author(s) and year) | Title | Source | Reason(s) for exclusion based on eligibility/inclusion criteria table |
| Health Canada (2020) | Decision Documents – Determination of Environmental and Livestock Feed Safety - Canadian Food Inspection Agency | https://inspection.canada.ca/plant-varieties/plants-with-novel-traits/approved-under-review/decision-documents/eng/1303704378026/1303704484236 | Information/data requirements |
| Health Canada (2020) | Publications - Genetics, Tree Improvement, and Biodiversity Canadian Forest Service Publications Natural Resources Canada | http://cfs.nrcan.gc.ca/subjects/read/7?format=citation&page=50&sort=title | Information/data requirements |
| Health Canada (2020) | Plants with novel traits (PNT) and novel feeds from plant sources approved in Canada - Canadian Food Inspection Agency | http://cfs.nrcan.gc.ca/subjects/read/7?page=35&sort=author | Information/data requirements |
| Health Canada (2021) | Completed safety assessments of novel foods including genetically modified (GM) foods | https://www.canada.ca/en/health-canada/services/food-nutrition/genetically-modified-foods-other-novel-foods/approved-products.html | Information/data requirements |
| Health Canada (2021) | Novel food information: Herbicide Tolerant HT4 Maize | https://www.canada.ca/en/health-canada/services/food-nutrition/genetically-modified-foods-other-novel-foods/approved-products/herbicide-tolerant-ht4-maize/document.html | Stacked events/subcombinations |
| Health Canada (2021) | Novel Food Information: Highly Refined DHA-Enhanced Oil Derived from NS-B50027-4 Canola | https://www.canada.ca/en/health-canada/services/food-nutrition/genetically-modified-foods-other-novel-foods/approved-products/highly-refined-dha-enhanced-oil-derived-ns-b50027-4-canola/technical-summary.html | Plant species |
| Health Canada (2021) | Plants with novel traits (PNT) and novel feeds from plant sources approved in Canada - Canadian Food Inspection Agency | https://inspection.canada.ca/active/netapp/plantnoveltraitpnt-vegecarnouvcn/pntvcne.aspx | Information/data requirements |
| Health Canada (2021) | Regulating the Environmental Release of Stacked Plant Products in Canada - Canadian Food Inspection Agency | https://inspection.canada.ca/plant-varieties/plants-with-novel-traits/approved-under-review/stacked-traits/eng/1337653008661/1337653513037 | Information/data requirements |

| | | | |
|---|---|---|--------------------------------|
| Health Canada (2021) | The biology of Zea mays L. (maize) - Canadian Food Inspection Agency | https://inspection.canada.ca/plant-varieties/plants-with-novel-traits/applicants/directive-94-08/biology-documents/zea-mays-l-maize-/eng/1330985739405/1330985818367 | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF 2020) | Recombinant DNA technology application Feed safety confirmation DHA production and herbicides ... | https://www.maff.go.jp/j/council/sizai/siryoku/54/attach/pdf/index-9.pdf | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF 2020) | Application form, etc. [PDF 776 KB] | https://www.affrc.maff.go.jp/docs/committee/diversity/attach/pdf/20210219-6.pdf | Stacked events/subcombinations |
| Ministry of Agriculture, Forestry and Fisheries (MAFF 2020) | Application form, etc. [PDF 2.3 MB] | https://www.affrc.maff.go.jp/docs/committee/diversity/attach/pdf/20210219-9.pdf | Stacked events/subcombinations |
| Ministry of Agriculture, Forestry and Fisheries (MAFF 2020) | Recombinant DNA technology application Feed safety confirmation Herbicide glyphosate-induced ... | https://www.maff.go.jp/j/council/sizai/siryoku/55/attach/pdf/index-12.pdf | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF 2020) | Recombinant DNA technology application Feed safety confirmation Yield increase and herbicides ... | https://www.maff.go.jp/j/council/sizai/siryoku/55/attach/pdf/index-13.pdf | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | [Movements surrounding China's grain imports-Part 1] Feed demand in China is ... | http://www.maff.go.jp/j/zyukyu/jki/j_rep/monthly/201405/pdf/21_motnthly_topics_china_im_1405.pdf | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | cry1Ab , cry1F, cry1A.105, cry2Ab2, cry1Ac, vip3A, cry3Bb1, cry3Aa2 ... | http://www.maff.go.jp/j/syouan/nouan/carta/c_data/pdf/gutairei.pdf | Information/data requirements |

| | | | |
|---|---|---|-------------------------------|
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | Document 5-1 | http://www.maff.go.jp/j/council/sizai/siryou/22_21/pdf/data5-1.pdf | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | Document 5-2 | http://www.maff.go.jp/j/council/sizai/siryou/22_21/pdf/data5-2.pdf | Information/data requirements |
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | Document 5-2 | http://www.maff.go.jp/j/council/sizai/siryou/24_23/pdf/data5-2.pdf | Scope of GMO application |
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | ref_data5.pdf | https://www.maff.go.jp/j/council/seisaku/eisei/bunkakai/04/pdf/ref_data5.pdf | Plant species |
| Ministry of Agriculture, Forestry and Fisheries (MAFF n.d.) | Specific examples of genetically modified plants that may eliminate the need for isolation field tests cry1Ab ... | http://www.maff.go.jp/j/syouan/nouan/carta/tetuduki/attach/pdf/index-19.pdf | Information/data requirements |
| National Technical Commission on Biosafety (CTNBio 2021) | Tabela de Plantas Aprovadas para Comercialização | http://ctnbio.mctic.gov.br/documents/566529/1684467/Tabela+de+Plantas+Aprovadas+para+Comercializa%C3%A7%C3%A3o/ | Information/data requirements |
| National Technical Commission on Biosafety (CTNBio n.d.) | Apresentação Leila Oda.pps | http://ctnbio.mctic.gov.br/documents/566529/673136/Apresenta%C3%A7%C3%A3o+Leila+Oda.pps | Information/data requirements |

APPENDIX SECTION

APPENDIX A Search History and Subject Indexing

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Logged in as



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▼ **Search History** (246)

[View Saved](#)

| <input type="checkbox"/> | # ▲ | Searches | Results | Type | Actions | Annotations |
|--------------------------|-----|--|---------|----------|--|---|
| <input type="checkbox"/> | 1 | Bt11.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 97 | Advanced | Display Results More | <input type="checkbox"/> Contract |
| <input type="checkbox"/> | 2 | Bt 11.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 25 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 3 | SYN-BT?11-1.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 4 | 1 or 2 or 3 | 120 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 5 | MIR162.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 29 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 6 | MIR 162.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 3 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 7 | SYN-IR162-4.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 8 | 5 or 6 or 7 | 32 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 9 | MIR604.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 24 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 10 | MIR 604.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 11 | SYN-IR6?4-5.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 12 | 9 or 10 or 11 | 26 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 13 | GA21.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 50 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 14 | GA 21.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 4 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 15 | GA21.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 16 | GA 21.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 17 | "MON ØØØ21*".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 3 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 18 | MON ØØØ21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 19 | MON 00021*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 20 | MON empty setempty setempty set21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 21 | "MONØØØ21*".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 22 | MONØØØ21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 23 | MON00021*.mp. [mp=meeting information, title, original | 0 | Advanced | Save More | <input type="checkbox"/> |

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| | title, map information, note, abstract, heading words] | | | | | |
|--------------------------|---|-----|----------|--|--|--|
| <input type="checkbox"/> | 24 MONempty setempty setempty set21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 25 "MON ØØØ21*".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 26 MON ØØØ21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 27 MON 00021*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 28 MON empty setempty setempty set21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 29 "MONØØØ21*".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 30 MONØØØ21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 31 MON00021*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 32 MONempty setempty setempty set21*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 33 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 | 59 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 34 8 or 12 or 33 | 108 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 35 4 and 34 | 32 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 36 12 or 33 | 79 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 37 8 and 36 | 3 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 38 12 and 33 | 6 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 39 35 or 37 or 38 | 33 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 40 Agrisure*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 19 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 41 Cry1Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 915 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 42 Cry 1Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 15 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 43 Cry1 Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 4 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 44 Cry 1 Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 45 Cry1Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 35 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 46 Cry 1Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 47 Cry1 Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 48 Cry 1 Ab*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 49 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 | 961 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 50 Phosphinothricin N acetyltransferase.mp. [mp=meeting information, title, original title, map information, note, | 21 | Advanced | Display Results More | | |

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| | | | | | | | |
|--------------------------|----|---|------|----------|--|--|--|
| | | abstract, heading words] | | | | | |
| <input type="checkbox"/> | 51 | Phosphinothricin N acetyl transferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 3 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 52 | Phosphinothricin acetyltransferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 218 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 53 | Phosphinothricin acetyl transferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 48 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 54 | PPT acetyltransferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 3 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 55 | PPT acetyl transferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 56 | PT N acetyltransferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 57 | PT N acetyl transferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 58 | Glufosinate acetyltransferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 59 | Glufosinate acetyl transferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 60 | Gluphosinate acetyltransferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 61 | Gluphosinate acetyl transferase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 62 | pat.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2654 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 63 | 111069-93-3.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 64 | "EC 2.3.1.183".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 65 | "E.C. 2.3.1.183".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 66 | 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 | 2842 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 67 | Vip3AA20*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 17 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 68 | Vip3 AA20*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 69 | Vip3 AA 20*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 70 | Vip3A A 20*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 71 | 67 or 68 or 69 or 70 | 17 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 72 | Phosphomannoisomerase.mp. [mp=meeting information, title, original title, map information, note, abstract, | 3 | Advanced | Display Results More | | |

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| | | heading words] | | | | |
|--------------------------|----|---|-----|----------|--|--|
| <input type="checkbox"/> | 73 | Mannose 6-phosphate isomerase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 42 | Advanced | Display Results More | |
| <input type="checkbox"/> | 74 | Phosphomannose isomerase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 75 | Phosphomannose isomerase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 114 | Advanced | Display Results More | |
| <input type="checkbox"/> | 76 | 9023-88-5.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 77 | AAA24109.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 78 | "EC 5.3.1.8".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 4 | Advanced | Display Results More | |
| <input type="checkbox"/> | 79 | "E.C. 5.3.1.8".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 4 | Advanced | Display Results More | |
| <input type="checkbox"/> | 80 | 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 | 150 | Advanced | Display Results More | |
| <input type="checkbox"/> | 81 | mCry3A*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 33 | Advanced | Display Results More | |
| <input type="checkbox"/> | 82 | mCry 3A*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 83 | mCry 3 A*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 84 | Cry3A*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 148 | Advanced | Display Results More | |
| <input type="checkbox"/> | 85 | Cry 3A*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 86 | Cry 3 A*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 87 | 81 or 82 or 83 or 84 or 85 or 86 | 177 | Advanced | Display Results More | |
| <input type="checkbox"/> | 88 | 5 enol pyruvyl shikimate 3 phosphate synthase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 13 | Advanced | Display Results More | |
| <input type="checkbox"/> | 89 | 5 enolpyruvyl shikimate 3 phosphate synthase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 25 | Advanced | Display Results More | |
| <input type="checkbox"/> | 90 | 5 enolpyruvylshikimate 3 phosphate synthase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 279 | Advanced | Display Results More | |
| <input type="checkbox"/> | 91 | EPSP synthase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 69 | Advanced | Display Results More | |
| <input type="checkbox"/> | 92 | MEPSP synthase.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 93 | EPSPS.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 495 | Advanced | Display Results More | |
| <input type="checkbox"/> | 94 | MEPSPS.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 6 | Advanced | Display Results More | |
| <input type="checkbox"/> | 95 | "EC 2.5.1.19".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 20 | Advanced | Display Results More | |
| <input type="checkbox"/> | 96 | "E.C. 2.5.1.19".mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 20 | Advanced | Display Results More | |

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| | | | | | | | |
|--------------------------|-----|---|--------|----------|---------------------------------|----------------------|--|
| <input type="checkbox"/> | 97 | 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 | 662 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 98 | 71 or 80 or 87 or 97 | 995 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 99 | 49 and 98 | 38 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 100 | 71 or 80 or 87 or 97 | 995 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 101 | 66 and 100 | 40 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 102 | 87 or 97 | 836 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 103 | 71 and 102 | 4 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 104 | 80 and 97 | 4 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 105 | 87 and 97 | 3 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 106 | 99 or 101 or 103 or 104 or 105 | 76 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 107 | Insect.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 189989 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 108 | Insects.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 241742 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 109 | coleoptera*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 42430 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 110 | lepidoptera*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 38851 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 111 | pest.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 73680 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 112 | pests.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 343147 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 113 | stalkborer*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 30 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 114 | stalk borer*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 351 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 115 | borer*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 10496 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 116 | cornborer*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 14 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 117 | corn borer*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2857 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 118 | noctuidae.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 7867 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 119 | Crambidae.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1079 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 120 | Chrysomelidae.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 4876 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 121 | earworm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1068 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 122 | ear worm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 41 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 123 | armyworm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 3219 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 124 | army worm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 153 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 125 | cutworm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1413 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 126 | cut worm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 34 | Advanced | Display Results | More | |

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|--------------------------|-----|--|------|----------|--|---|
| <input type="checkbox"/> | 127 | rootworm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1536 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 128 | root worm*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 42 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 129 | Ostrinia.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2601 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 130 | O nubilalis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 293 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 131 | Diatraea.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1024 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 132 | D grandiosella.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 22 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 133 | D crambidoides.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 134 | Helicoverpa.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 5143 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 135 | H zea.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 492 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 136 | Spodoptera.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 8598 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 137 | S frugiperda.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 550 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 138 | S exigua.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 573 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 139 | Papaipema.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 68 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 140 | P nebris.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 4 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 141 | Elasmopalpus.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 141 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 142 | E lignosellus.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 11 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 143 | D saccharalis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 137 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 144 | Striacosta.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 35 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 145 | S albicosta.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 16 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 146 | Agrotis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1072 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 147 | A ipsilon.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 92 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 148 | Feltia.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 43 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 149 | F jaculifera.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More |  |
| <input type="checkbox"/> | 150 | Pseudaletia.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 454 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 151 | P unipuncta.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 23 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 152 | Diabrotica.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1946 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 153 | D virgifera.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 64 | Advanced | Display Results More |  |

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| | | | | | | |
|--------------------------|-----|--|---------|----------|--|--|
| <input type="checkbox"/> | 154 | D barberi.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 57 | Advanced | Display Results More | |
| <input type="checkbox"/> | 155 | ECB.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 347 | Advanced | Display Results More | |
| <input type="checkbox"/> | 156 | SWCB.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 33 | Advanced | Display Results More | |
| <input type="checkbox"/> | 157 | SCSB.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 7 | Advanced | Display Results More | |
| <input type="checkbox"/> | 158 | CEW.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 82 | Advanced | Display Results More | |
| <input type="checkbox"/> | 159 | FAW.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 175 | Advanced | Display Results More | |
| <input type="checkbox"/> | 160 | SCB.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 526 | Advanced | Display Results More | |
| <input type="checkbox"/> | 161 | WBC.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1664 | Advanced | Display Results More | |
| <input type="checkbox"/> | 162 | WCRW.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 163 | WCR.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 240 | Advanced | Display Results More | |
| <input type="checkbox"/> | 164 | NCRW.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 165 | MCR.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1160 | Advanced | Display Results More | |
| <input type="checkbox"/> | 166 | MCRW.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 167 | 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 | 497791 | Advanced | Display Results More | |
| <input type="checkbox"/> | 168 | toleran*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 118733 | Advanced | Display Results More | |
| <input type="checkbox"/> | 169 | resistan*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 297995 | Advanced | Display Results More | |
| <input type="checkbox"/> | 170 | protect*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 280684 | Advanced | Display Results More | |
| <input type="checkbox"/> | 171 | control*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 996464 | Advanced | Display Results More | |
| <input type="checkbox"/> | 172 | 168 or 169 or 170 or 171 | 1495326 | Advanced | Display Results More | |
| <input type="checkbox"/> | 173 | ((Insect or Insects or coleoptera* or lepidoptera* or pest or pests or stalkborer* or stalk borer* or borer* or comborer* or com borer* or noctuidae or Crambidae or Chrysomelidae or earworm* or ear worm* or armyworm* or army worm* or cutworm* or cut worm* or rootworm* or root worm* or Ostrinia or O nubilalis or Diatraea or D grandiosella or D crambidoides or Helicoverpa or H zea or Spodoptera or S frugiperda or S exigua or Papaipema or P nebris or Elasmopalpus or E lignosellus or D saccharalis or Striacosta or S albicosta or Agrotis or A ipsilon or Feltia or F jaculifera or Pseudaletia or P unipuncta or Diabrotica or D virgifera or D barberi or ECB or SWCB or SCSB or CEW or FAW or SCB or WBC or WCRW or WCR or NCRW or MCR or MCRW) adj2 (toleran* or resistan* or protect* or control*).mp. | 120524 | Advanced | Display Results More | |

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| | | | | | | |
|--------------------------|-----|---|--------|----------|--|--|
| <input type="checkbox"/> | 174 | B thuringiensis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1712 | Advanced | Display Results More | |
| <input type="checkbox"/> | 175 | Bacillus thuringiensis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 10817 | Advanced | Display Results More | |
| <input type="checkbox"/> | 176 | glufosinate*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1235 | Advanced | Display Results More | |
| <input type="checkbox"/> | 177 | gluphosinate*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 8 | Advanced | Display Results More | |
| <input type="checkbox"/> | 178 | Basta*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 477 | Advanced | Display Results More | |
| <input type="checkbox"/> | 179 | Liberty*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 642 | Advanced | Display Results More | |
| <input type="checkbox"/> | 180 | Ignite*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 852 | Advanced | Display Results More | |
| <input type="checkbox"/> | 181 | Rely*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 19030 | Advanced | Display Results More | |
| <input type="checkbox"/> | 182 | Finale*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 107 | Advanced | Display Results More | |
| <input type="checkbox"/> | 183 | Challenge*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 137718 | Advanced | Display Results More | |
| <input type="checkbox"/> | 184 | gl?phosate.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 7811 | Advanced | Display Results More | |
| <input type="checkbox"/> | 185 | gl?fosate.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 7 | Advanced | Display Results More | |
| <input type="checkbox"/> | 186 | roundup*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1350 | Advanced | Display Results More | |
| <input type="checkbox"/> | 187 | round up*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 132 | Advanced | Display Results More | |
| <input type="checkbox"/> | 188 | herbicide*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 57827 | Advanced | Display Results More | |
| <input type="checkbox"/> | 189 | pesticide*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 127013 | Advanced | Display Results More | |
| <input type="checkbox"/> | 190 | 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 | 320754 | Advanced | Display Results More | |
| <input type="checkbox"/> | 191 | toleran*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 118733 | Advanced | Display Results More | |
| <input type="checkbox"/> | 192 | resistan*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 297995 | Advanced | Display Results More | |
| <input type="checkbox"/> | 193 | protect*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 280684 | Advanced | Display Results More | |
| <input type="checkbox"/> | 194 | 191 or 192 or 193 | 643901 | Advanced | Display Results More | |
| <input type="checkbox"/> | 195 | ((glufosinate* or gluphosinate* or Basta* or Liberty* or Ignite* or Rely* or Finale* or Challenge* or gl?phosate or gl?fosate or roundup* or round up* or herbicide* or pesticide*) adj2 (toleran* or resistan* or protect*)).mp. | 10338 | Advanced | Display Results More | |
| <input type="checkbox"/> | 196 | 173 or 174 or 175 or 195 | 137452 | Advanced | Display Results More | |
| <input type="checkbox"/> | 197 | GMO*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1563 | Advanced | Display Results More | |
| <input type="checkbox"/> | 198 | LMO*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 583 | Advanced | Display Results More | |
| <input type="checkbox"/> | 199 | GM.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 8118 | Advanced | Display Results More | |
| <input type="checkbox"/> | 200 | GE.mp. [mp=meeting information, title, original title, map | 5843 | Advanced | Display Results More | |

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| | information, note, abstract, heading words] | | | | | |
|--------------------------|---|---------|----------|---------------------------------|----------------------|--|
| <input type="checkbox"/> | 201 transgen*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 53695 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 202 genetic*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 636904 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 203 living.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 60524 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 204 biotech*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 47024 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 205 202 or 203 or 204 | 728772 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 206 modif*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 255021 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 207 transform*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 181673 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 208 manipulat*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 41486 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 209 improv*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 557913 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 210 engineer*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 147392 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 211 deriv*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 308361 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 212 206 or 207 or 208 or 209 or 210 or 211 | 1281876 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 213 ((genetic* or living or biotech*) adj3 (modif* or transform* or manipulat* or improv* or engineer* or deriv*).mp. | 61871 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 214 stack*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 15200 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 215 197 or 198 or 199 or 200 or 201 or 213 or 214 | 123363 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 216 196 and 215 | 7821 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 217 GMHT.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 28 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 218 GEHT.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 80 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 219 GMHR.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 220 GEHR.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 2 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 221 GMHTs.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 222 GEHTs.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 5 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 223 GMHRs.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 224 GEHRs.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 225 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 | 118 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 226 216 or 225 | 7911 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 227 Maize*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 69677 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 228 corn*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 137687 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 229 Zea mays.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 52068 | Advanced | Display Results | More | |

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|--------------------------|-----|--|--------|----------|---------------------------------|----------------------|--|
| <input type="checkbox"/> | 230 | Z mays.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 373 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 231 | 227 or 228 or 229 or 230 | 178394 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 232 | 226 and 231 | 1911 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 233 | Bt.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 7040 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 234 | Bacillus thuringiensis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 10817 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 235 | B thuringiensis.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1712 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 236 | 233 or 234 or 235 | 14440 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 237 | maize*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 69677 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 238 | corn*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 137687 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 239 | mays.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 52252 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 240 | 237 or 238 or 239 | 178526 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 241 | ((Bt or Bacillus thuringiensis or B thuringiensis) adj5 (maize* or corn* or mays)).mp. | 1281 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 242 | Btmaize*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 1 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 243 | Btcorn*.mp. [mp=meeting information, title, original title, map information, note, abstract, heading words] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 244 | 241 or 242 or 243 | 1282 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 245 | 39 or 40 or 106 or 232 or 244 | 2266 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 246 | limit 245 to yr="2020 -Current" | 73 | Advanced | Display Results | More | |

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1
3
5
11
21
162
604
111069-93-3
enol
pyruvyl
shikimate
phosphate
synthase
enolpyruvyl
enolpyruvylshikimate
9023-88-5
a
epsilon
aaa24109
agrisure*
agrotis
army
worm*
armyworm*
b
thuringiensis
bacillus
basta*
biotech*
borer*
bt
bt11
btcorn*
btmaize*
cew
challenge*
chrysomelidae
coleoptera*
control*
com
com*
combore*
crambidae
cry
ab*
1ab*
a*
3a*
i
iab*
cry1
cry1ab*
cry3a*
cryi
cryiab*
cut
cutworm*
d
barberi
crambidoidea
grandiosella
saccharalis
virgifera
deriv*
diabrotica
diatraea

2. [Sweet Corn Sentinel Monitoring for Lepidopteran Field-Evolved Resistance to Bt Toxins](#)

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3. [Extended investigation of field-evolved resistance of the corn earworm *Helicoverpa zea* \(Lepidoptera: Noctuidae\) to *Bacillus thuringiensis* Cry1A.105 and Cry2Ab2 proteins in the southeastern United States](#)

Cite + My Projects + Annotate

4. [Assessment of damage caused by evolved fall armyworm on native and transgenic maize in South Africa](#)

Cite + My Projects + Annotate

5. [Use of taxonomic and trait-based approaches to evaluate the effect of Bt maize expressing the Cry1Ie protein on non-target collembola: A case study in Northeast China](#)

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|--------------------------|-----|--|---------|----------|--|--------------------------|
| <input type="checkbox"/> | 1 | Bt11.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 250 | Advanced | Display Results More | Contract |
| <input type="checkbox"/> | 2 | Bt 11.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 79 | Advanced | Display Results More | |
| <input type="checkbox"/> | 3 | SYN-BT?11-1.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 4 | 1 or 2 or 3 | 326 | Advanced | Display Results More | |
| <input type="checkbox"/> | 5 | MIR162.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 104 | Advanced | Display Results More | |
| <input type="checkbox"/> | 6 | MIR 162.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 16 | Advanced | Display Results More | |
| <input type="checkbox"/> | 7 | SYN-IR162-4.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 8 | 5 or 6 or 7 | 116 | Advanced | Display Results More | |
| <input type="checkbox"/> | 9 | MIR604.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 67 | Advanced | Display Results More | |
| <input type="checkbox"/> | 10 | MIR 604.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 9 | Advanced | Display Results More | |
| <input type="checkbox"/> | 11 | SYN-IR6?4-5.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 12 | 9 or 10 or 11 | 76 | Advanced | Display Results More | |
| <input type="checkbox"/> | 13 | GA21.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 136 | Advanced | Display Results More | |
| <input type="checkbox"/> | 14 | GA 21.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 14 | Advanced | Display Results More | |
| <input type="checkbox"/> | 15 | GA21.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 3 | Advanced | Display Results More | |
| <input type="checkbox"/> | 16 | GA 21.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 17 | "MON ØØØ21*".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5 | Advanced | Display Results More | |
| <input type="checkbox"/> | 18 | MON ØØØ21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 19 | MON ØØØ21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 20 | MON empty setempty setempty set21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 21 | "MONØØØ21*".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |

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|--------------------------|----|--|------|----------|--|--|
| <input type="checkbox"/> | 22 | MONOOO21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 23 | MON00021*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 24 | MONempty setempty setempty set21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 25 | "MON ØØØ21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 26 | M0N OOO21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 27 | M0N 00021*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 28 | M0N empty setempty setempty set21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 29 | "M0NØØØ21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 30 | M0N00021*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 31 | M0N00021*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 32 | M0Nempty setempty setempty set21*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 33 | 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 | 159 | Advanced | Display Results More | |
| <input type="checkbox"/> | 34 | 8 or 12 or 33 | 309 | Advanced | Display Results More | |
| <input type="checkbox"/> | 35 | 4 and 34 | 85 | Advanced | Display Results More | |
| <input type="checkbox"/> | 36 | 12 or 33 | 206 | Advanced | Display Results More | |
| <input type="checkbox"/> | 37 | 8 and 36 | 13 | Advanced | Display Results More | |
| <input type="checkbox"/> | 38 | 12 and 33 | 29 | Advanced | Display Results More | |
| <input type="checkbox"/> | 39 | 35 or 37 or 38 | 96 | Advanced | Display Results More | |
| <input type="checkbox"/> | 40 | Agrisure*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 32 | Advanced | Display Results More | |
| <input type="checkbox"/> | 41 | Cry1Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2030 | Advanced | Display Results More | |
| <input type="checkbox"/> | 42 | Cry 1Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 53 | Advanced | Display Results More | |
| <input type="checkbox"/> | 43 | Cry1 Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 44 | Advanced | Display Results More | |
| <input type="checkbox"/> | 44 | Cry 1 Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 16 | Advanced | Display Results More | |
| <input type="checkbox"/> | 45 | Cry1Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 55 | Advanced | Display Results More | |
| <input type="checkbox"/> | 46 | Cry 1Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |

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| | | | | | | |
|--------------------------|----|---|------|----------|--|--|
| <input type="checkbox"/> | 47 | CryI Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 48 | Cry I Ab*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 24 | Advanced | Display Results More | |
| <input type="checkbox"/> | 49 | 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 | 2129 | Advanced | Display Results More | |
| <input type="checkbox"/> | 50 | Phosphinothricin N acetyltransferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 48 | Advanced | Display Results More | |
| <input type="checkbox"/> | 51 | Phosphinothricin N acetyl transferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 12 | Advanced | Display Results More | |
| <input type="checkbox"/> | 52 | Phosphinothricin acetyltransferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 217 | Advanced | Display Results More | |
| <input type="checkbox"/> | 53 | Phosphinothricin acetyl transferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 113 | Advanced | Display Results More | |
| <input type="checkbox"/> | 54 | PPT acetyltransferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5 | Advanced | Display Results More | |
| <input type="checkbox"/> | 55 | PPT acetyl transferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 56 | PT N acetyltransferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 57 | PT N acetyl transferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 58 | Glufosinate acetyltransferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 59 | Glufosinate acetyl transferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 60 | Gluphosinate acetyltransferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 61 | Gluphosinate acetyl transferase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 62 | pat.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 7024 | Advanced | Display Results More | |
| <input type="checkbox"/> | 63 | 111069-93-3.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 145 | Advanced | Display Results More | |
| <input type="checkbox"/> | 64 | "EC 2.3.1.183".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 49 | Advanced | Display Results More | |
| <input type="checkbox"/> | 65 | "E.C. 2.3.1.183".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 49 | Advanced | Display Results More | |
| <input type="checkbox"/> | 66 | 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 | 7239 | Advanced | Display Results More | |
| <input type="checkbox"/> | 67 | Vip3AA20*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 45 | Advanced | Display Results More | |
| <input type="checkbox"/> | 68 | Vip3 AA20*.mp. [mp=abstract, original language book | 0 | Advanced | Save More | |

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| | title (non-english), book title (english), title, heading words] | | | | | |
|--------------------------|--|-----|----------|--|--|--|
| <input type="checkbox"/> | 69 Vip3 AA 20*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 70 Vip3A A 20*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 71 67 or 68 or 69 or 70 | 45 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 72 Phosphomannoisomerase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 17 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 73 Mannose 6-phosphate isomerase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 135 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 74 Phosphomannoseisomerase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 75 Phosphomannose isomerase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 416 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 76 9023-88-5.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 371 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 77 AAA24109.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 78 "EC 5.3.1.8".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 310 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 79 "E.C. 5.3.1.8".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 310 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 80 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 | 650 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 81 mCry3A*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 72 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 82 mCry 3A*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 83 mCry 3 A*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 84 Cry3A*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 345 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 85 Cry 3A*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 15 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 86 Cry 3 A*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 87 81 or 82 or 83 or 84 or 85 or 86 | 413 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 88 5 enol pyruvyl shikimate 3 phosphate synthase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 17 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 89 5 enolpyruvyl shikimate 3 phosphate synthase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 83 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 90 5 enolpyruvylshikimate 3 phosphate synthase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 732 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 91 EPSP synthase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 256 | Advanced | Display Results More | | |

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| | words] | | | | | |
|--------------------------|--------|---|--------|----------|--|--|
| <input type="checkbox"/> | 92 | MEPSP synthase.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 93 | EPSPS.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 4709 | Advanced | Display Results More | |
| <input type="checkbox"/> | 94 | MEPSPS.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 63 | Advanced | Display Results More | |
| <input type="checkbox"/> | 95 | "EC 2.5.1.1.9".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 418 | Advanced | Display Results More | |
| <input type="checkbox"/> | 96 | "E.C. 2.5.1.19".mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 418 | Advanced | Display Results More | |
| <input type="checkbox"/> | 97 | 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 | 5205 | Advanced | Display Results More | |
| <input type="checkbox"/> | 98 | 71 or 80 or 87 or 97 | 6283 | Advanced | Display Results More | |
| <input type="checkbox"/> | 99 | 49 and 98 | 106 | Advanced | Display Results More | |
| <input type="checkbox"/> | 100 | 71 or 80 or 87 or 97 | 6283 | Advanced | Display Results More | |
| <input type="checkbox"/> | 101 | 66 and 100 | 73 | Advanced | Display Results More | |
| <input type="checkbox"/> | 102 | 87 or 97 | 5607 | Advanced | Display Results More | |
| <input type="checkbox"/> | 103 | 71 and 102 | 15 | Advanced | Display Results More | |
| <input type="checkbox"/> | 104 | 80 and 97 | 3 | Advanced | Display Results More | |
| <input type="checkbox"/> | 105 | 87 and 97 | 11 | Advanced | Display Results More | |
| <input type="checkbox"/> | 106 | 99 or 101 or 103 or 104 or 105 | 169 | Advanced | Display Results More | |
| <input type="checkbox"/> | 107 | Insect.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 189067 | Advanced | Display Results More | |
| <input type="checkbox"/> | 108 | Insects.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 912502 | Advanced | Display Results More | |
| <input type="checkbox"/> | 109 | coleoptera*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 149973 | Advanced | Display Results More | |
| <input type="checkbox"/> | 110 | lepidoptera*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 172054 | Advanced | Display Results More | |
| <input type="checkbox"/> | 111 | pest.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 463523 | Advanced | Display Results More | |
| <input type="checkbox"/> | 112 | pests.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 66438 | Advanced | Display Results More | |
| <input type="checkbox"/> | 113 | stalkborer*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 38 | Advanced | Display Results More | |
| <input type="checkbox"/> | 114 | stalk borer*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 381 | Advanced | Display Results More | |
| <input type="checkbox"/> | 115 | borer*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 13369 | Advanced | Display Results More | |
| <input type="checkbox"/> | 116 | cornborer*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 21 | Advanced | Display Results More | |
| <input type="checkbox"/> | 117 | corn borer*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2712 | Advanced | Display Results More | |
| <input type="checkbox"/> | 118 | noctuidae.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 11537 | Advanced | Display Results More | |
| <input type="checkbox"/> | 119 | Crambidae.mp. [mp=abstract, original language book title | 2560 | Advanced | Display Results More | |

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| | | | | | | |
|--------------------------|-----|--|-------|----------|--|---|
| | | (non-english), book title (english), title, heading words] | | | | |
| <input type="checkbox"/> | 120 | Chrysomelidae.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 8146 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 121 | earworm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1110 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 122 | ear worm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 30 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 123 | armyworm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5519 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 124 | army worm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 184 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 125 | cutworm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1497 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 126 | cut worm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 33 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 127 | rootworm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2014 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 128 | root worm*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 43 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 129 | Ostrinia.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 3103 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 130 | O nubilalis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 505 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 131 | Diatraea.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1039 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 132 | D grandiosella.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 34 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 133 | D crambidoides.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 134 | Helicoverpa.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 9078 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 135 | H zea.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 780 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 136 | Spodoptera.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 20162 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 137 | S frugiperda.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1356 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 138 | S exigua.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1299 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 139 | Papaipema.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 43 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 140 | P nebris.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 6 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 141 | Elasmopalpus.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 91 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 142 | E lignosellus.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 19 | Advanced | Display Results More |  |

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| | words] | | | | | |
|--------------------------|--------|---|---------|----------|--|--|
| <input type="checkbox"/> | 143 | D saccharalis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 337 | Advanced | Display Results More | |
| <input type="checkbox"/> | 144 | Striacosta.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 64 | Advanced | Display Results More | |
| <input type="checkbox"/> | 145 | S albicosta.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 26 | Advanced | Display Results More | |
| <input type="checkbox"/> | 146 | Agrotis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1374 | Advanced | Display Results More | |
| <input type="checkbox"/> | 147 | A ipsilon.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 202 | Advanced | Display Results More | |
| <input type="checkbox"/> | 148 | Feltia.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 34 | Advanced | Display Results More | |
| <input type="checkbox"/> | 149 | F jaculifera.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 150 | Pseudaletia.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 462 | Advanced | Display Results More | |
| <input type="checkbox"/> | 151 | P unipuncta.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 46 | Advanced | Display Results More | |
| <input type="checkbox"/> | 152 | Diabrotica.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2558 | Advanced | Display Results More | |
| <input type="checkbox"/> | 153 | D virgifera.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 105 | Advanced | Display Results More | |
| <input type="checkbox"/> | 154 | D barberi.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 81 | Advanced | Display Results More | |
| <input type="checkbox"/> | 155 | ECB.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1501 | Advanced | Display Results More | |
| <input type="checkbox"/> | 156 | SWCB.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 32 | Advanced | Display Results More | |
| <input type="checkbox"/> | 157 | SCSB.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 70 | Advanced | Display Results More | |
| <input type="checkbox"/> | 158 | CEW.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 154 | Advanced | Display Results More | |
| <input type="checkbox"/> | 159 | FAW.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 374 | Advanced | Display Results More | |
| <input type="checkbox"/> | 160 | SCB.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1250 | Advanced | Display Results More | |
| <input type="checkbox"/> | 161 | WBC.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 28089 | Advanced | Display Results More | |
| <input type="checkbox"/> | 162 | WCRW.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5 | Advanced | Display Results More | |
| <input type="checkbox"/> | 163 | WCR.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 499 | Advanced | Display Results More | |
| <input type="checkbox"/> | 164 | NCRW.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 165 | MCR.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5088 | Advanced | Display Results More | |
| <input type="checkbox"/> | 166 | MCRW.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 167 | 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or | 1251657 | Advanced | Display Results More | |

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139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166

| | | | | | | |
|--------------------------|-----|--|---------|----------|--|--|
| <input type="checkbox"/> | 168 | toleran*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 392224 | Advanced | Display Results More | |
| <input type="checkbox"/> | 169 | resistan*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1271801 | Advanced | Display Results More | |
| <input type="checkbox"/> | 170 | protect*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1164552 | Advanced | Display Results More | |
| <input type="checkbox"/> | 171 | control*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 4887141 | Advanced | Display Results More | |
| <input type="checkbox"/> | 172 | 168 or 169 or 170 or 171 | 6857277 | Advanced | Display Results More | |
| <input type="checkbox"/> | 173 | ((Insect or Insects or coleoptera* or lepidoptera* or pest or pests or stalkborer* or stalk borer* or borer* or comborer* or com borer* or noctuidae or Crambidae or Chrysomelidae or earworm* or ear worm* or armyworm* or army worm* or cutworm* or cut worm* or rootworm* or root worm* or Ostrinia or O nubilalis or Diatraea or D grandiosella or D crambidoides or Helicoverpa or H zea or Spodoptera or S frugiperda or S exigua or Papaipema or P nebris or Elasmopalpus or E lignosellus or D saccharalis or Striacosta or S albicosta or Agrotis or A epsilon or Feltia or F jaculifera or Pseudaletia or P unipuncta or Diabrotica or D virgifera or D barberi or ECB or SWCB or SCSB or CEW or FAW or SCB or WBC or WCRW or WCR or NCRW or MCR or MCRW) adj2 (toleran* or resistan* or protect* or control*).mp. | 441537 | Advanced | Display Results More | |
| <input type="checkbox"/> | 174 | B thuringiensis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 4106 | Advanced | Display Results More | |
| <input type="checkbox"/> | 175 | Bacillus thuringiensis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 19208 | Advanced | Display Results More | |
| <input type="checkbox"/> | 176 | glufosinate*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1832 | Advanced | Display Results More | |
| <input type="checkbox"/> | 177 | gluphosinate*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 19 | Advanced | Display Results More | |
| <input type="checkbox"/> | 178 | Basta*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1231 | Advanced | Display Results More | |
| <input type="checkbox"/> | 179 | Liberty*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1556 | Advanced | Display Results More | |
| <input type="checkbox"/> | 180 | Ignite*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1746 | Advanced | Display Results More | |
| <input type="checkbox"/> | 181 | Rely*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 86770 | Advanced | Display Results More | |
| <input type="checkbox"/> | 182 | Finale*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 281 | Advanced | Display Results More | |
| <input type="checkbox"/> | 183 | Challenge*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 599028 | Advanced | Display Results More | |
| <input type="checkbox"/> | 184 | gl?phosate.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 12250 | Advanced | Display Results More | |
| <input type="checkbox"/> | 185 | gl?fosate.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 9 | Advanced | Display Results More | |
| <input type="checkbox"/> | 186 | roundup*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2076 | Advanced | Display Results More | |

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| | | | | | | |
|--------------------------|-----|---|---------|----------|--|---|
| <input type="checkbox"/> | 187 | round up*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 398 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 188 | herbicide*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 416778 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 189 | pesticide*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 436717 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 190 | 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 | 1122485 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 191 | toleran*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 392224 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 192 | resistan*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1271801 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 193 | protect*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1164552 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 194 | 191 or 192 or 193 | 2659056 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 195 | ((glufosinate* or gluphosinate* or Basta* or Liberty* or Ignite* or Rely* or Finale* or Challenge* or gl?phosate or gl?fosate or roundup* or round up* or herbicide* or pesticide*) adj2 (toleran* or resistan* or protect*)),mp. | 19213 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 196 | 173 or 174 or 175 or 195 | 457762 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 197 | GMO*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 3601 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 198 | LMO*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 3739 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 199 | GM.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 66052 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 200 | GE.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 16471 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 201 | transgen*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 315949 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 202 | genetic*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 6644724 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 203 | living.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 311368 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 204 | biotech*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 155929 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 205 | 202 or 203 or 204 | 6986042 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 206 | modif*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1110692 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 207 | transform*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 656432 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 208 | manipulat*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 220535 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 209 | improv*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2192794 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 210 | engineer*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 654945 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 211 | deriv*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1581772 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 212 | 206 or 207 or 208 or 209 or 210 or 211 | 5575440 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 213 | ((genetic* or living or biotech*) adj3 (modif* or transform* or manipulat* or improv* or engineer* or deriv*)),mp. | 179012 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 214 | stack*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 34926 | Advanced | Display Results More |  |

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| | | | | | | |
|--------------------------|-----|--|--------|----------|--|--|
| <input type="checkbox"/> | 215 | 197 or 198 or 199 or 200 or 201 or 213 or 214 | 580799 | Advanced | Display Results More | |
| <input type="checkbox"/> | 216 | 196 and 215 | 19073 | Advanced | Display Results More | |
| <input type="checkbox"/> | 217 | GMHT.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 78 | Advanced | Display Results More | |
| <input type="checkbox"/> | 218 | GEHT.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 40 | Advanced | Display Results More | |
| <input type="checkbox"/> | 219 | GMHR.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5 | Advanced | Display Results More | |
| <input type="checkbox"/> | 220 | GEHR.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 15 | Advanced | Display Results More | |
| <input type="checkbox"/> | 221 | GMHTs.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 222 | GEHTs.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 223 | GMHRs.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 224 | GEHRs.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 5 | Advanced | Display Results More | |
| <input type="checkbox"/> | 225 | 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 | 144 | Advanced | Display Results More | |
| <input type="checkbox"/> | 226 | 216 or 225 | 19136 | Advanced | Display Results More | |
| <input type="checkbox"/> | 227 | Maize*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 112016 | Advanced | Display Results More | |
| <input type="checkbox"/> | 228 | corn*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 243888 | Advanced | Display Results More | |
| <input type="checkbox"/> | 229 | Zea mays.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 58827 | Advanced | Display Results More | |
| <input type="checkbox"/> | 230 | Z mays.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 843 | Advanced | Display Results More | |
| <input type="checkbox"/> | 231 | 227 or 228 or 229 or 230 | 355139 | Advanced | Display Results More | |
| <input type="checkbox"/> | 232 | 226 and 231 | 3752 | Advanced | Display Results More | |
| <input type="checkbox"/> | 233 | Bt.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 24659 | Advanced | Display Results More | |
| <input type="checkbox"/> | 234 | Bacillus thuringiensis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 19208 | Advanced | Display Results More | |
| <input type="checkbox"/> | 235 | B thuringiensis.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 4106 | Advanced | Display Results More | |
| <input type="checkbox"/> | 236 | 233 or 234 or 235 | 38037 | Advanced | Display Results More | |
| <input type="checkbox"/> | 237 | maize*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 112016 | Advanced | Display Results More | |
| <input type="checkbox"/> | 238 | corn*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 243888 | Advanced | Display Results More | |
| <input type="checkbox"/> | 239 | mays.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 59071 | Advanced | Display Results More | |
| <input type="checkbox"/> | 240 | 237 or 238 or 239 | 355348 | Advanced | Display Results More | |
| <input type="checkbox"/> | 241 | ((Bt or Bacillus thuringiensis or B thuringiensis) adj5 (maize* or corn* or mays)).mp. | 2242 | Advanced | Display Results More | |
| <input type="checkbox"/> | 242 | Btmaize*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 243 | Btcom*.mp. [mp=abstract, original language book title (non-english), book title (english), title, heading words] | 3 | Advanced | Display Results More | |

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| | | | | | | |
|--------------------------|-------------------------------------|------|----------|---------------------------------|----------------------|--|
| <input type="checkbox"/> | 244 241 or 242 or 243 | 2242 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 245 39 or 40 or 106 or 232 or 244 | 4789 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 246 limit 245 to yr="2020 -Current" | 229 | Advanced | Display Results | More | |

Save Remove Combine with: **AND** OR

Save All Edit Create RSS View Saved Email All Search History Copy Search History Link Copy Search History Details

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Keyword Author Title Journal

Limits (expand) Include Multimedia Map Term to Subject Heading

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limit 245 to yr="2020 -Current"

Search terms used:

- 1
- 3
- 5
- 11
- 21
- 162
- 604
- 111069-93-3
- enol
- pyruvyl
- shikimate
- phosphate
- synthase
- enolpyruvyl
- enolpyruvylshikimate
- 9023-88-5
- a
- ipilon
- aaa24109
- agrisure*
- agrotis
- army
- worm*
- armyworm*
- b
- thuringiensis
- bacillus
- basta*
- biotech*
- borer*
- bt
- bt11
- btcorn*

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 - 5. [Bacillus thuringiensis as microbial biopesticide: uses and application for sustainable agriculture](#)

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btmaize*
 cew
 challenge*
 chrysomelidae
 coleoptera*
 control*
 corn
 corn*
 combore*
 crambidae
 cry
 ab*
 1ab*
 a*
 3a*
 i
 iab*
 cry1
 cry1ab*
 cry3a*
 cryi
 cryiab*
 cut
 cutworm*
 d
 barberi
 crambidoidea
 grandiosella
 saccharalis
 virgifera
 deriv*
 diabrotica
 diatraea
 e
 ignosellus
 e.c.
 2.3.1.183
 2.5.1.19
 5.3.1.8
 ear
 earworm*
 ec
 2.5.1.1.9
 ecb
 elasmopalpus
 engineer*
 epsp
 epsps
 f
 jaculifera
 faw
 feltia
 finale*
 ga
 zi
 ga21
 ga2i
 ge
 gehr
 gehrs
 geht
 gehs
 genetic*
 gl?fosate
 gl?phosate
 glufosinate

Cite + My Projects + Annotate

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acetyl
transferase
acetyltransferase
glufosinate*
gluphosinate
gluphosinate*
gm
gmhr
gmhrs
gmht
gmhts
gmo*
h
zea
helicovertpa
herbicide*
ignite*
improv*
insect
insects
lepidoptera*
liberty*
living
lmo*
m0n
00021*
empty
setempty
set21*
coc21*
000021*
m0n00021*
m0nempty
m0h00021*
m0n000021*
maize*
manipulat*
mannose
6-phosphate
isomerase
mays
mcr
mcrw
mcrv
mcrv3a*
mepsp
mepsp
mir
mir162
mir604
modif*
mon
mon00021*
monempty
mon00021*
mon000021*
n0n000021*
ncrw
noctuidae
o
nubilalis
ostrinia
p
nebris
unipuncta
papalipema
pat

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pest
 pesticide*
 pests
 phosphinothricin
 n
 phosphomannosyltransferase
 phosphomannose
 phosphomannose isomerase
 ppt
 protect*
 pseudaleitia
 pt
 rely*
 resist*
 root
 rootworm*
 round
 up*
 roundup*
 s
 albicosta
 exigua
 frugiperda
 scb
 scsb
 spodoptera
 stack*
 stalk
 stalkborer*
 striacosta
 swcb
 syn-bt?11-1
 syn-ir162-4
 syn-ir674-5
 toleran*
 transform*
 transgen*
 vip3
 aa
 20*
 aa20*
 vip3a
 vip3aa20*
 wbc
 wcr
 wcrw
 z

Search Returned:
229 text results

Sort By:

-

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[Selected Only \(0\)](#)

▼ Years

All Years

[Current year](#)

[Past 3 years](#)

[Past 5 years](#)

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[My Workspace](#)
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▼ Search History (246)

[View Saved](#)

| <input type="checkbox"/> | # ▲ | Searches | Results | Type | Actions | Annotations |
|--------------------------|-----|---|---------|----------|--|--------------------------|
| <input type="checkbox"/> | 1 | Bt11.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 227 | Advanced | Display Results More | Contract |
| <input type="checkbox"/> | 2 | Bt 11.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 54 | Advanced | Display Results More | |
| <input type="checkbox"/> | 3 | SYN-BT?11-1.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 4 | 1 or 2 or 3 | 275 | Advanced | Display Results More | |
| <input type="checkbox"/> | 5 | MIR162.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 66 | Advanced | Display Results More | |
| <input type="checkbox"/> | 6 | MIR 162.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 3 | Advanced | Display Results More | |
| <input type="checkbox"/> | 7 | SYN-IR162-4.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 8 | 5 or 6 or 7 | 69 | Advanced | Display Results More | |
| <input type="checkbox"/> | 9 | MIR604.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 50 | Advanced | Display Results More | |
| <input type="checkbox"/> | 10 | MIR 604.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 11 | SYN-IR6?4-5.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 12 | 9 or 10 or 11 | 52 | Advanced | Display Results More | |
| <input type="checkbox"/> | 13 | GA21.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 104 | Advanced | Display Results More | |
| <input type="checkbox"/> | 14 | GA 21.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 11 | Advanced | Display Results More | |
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| <input type="checkbox"/> | 17 | "MON ØØØ21*".mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 25 | Advanced | Display Results More | |
| <input type="checkbox"/> | 18 | MON OOO21*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 19 | MON 00021*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 20 | MON empty setempty setempty set21*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
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| <input type="checkbox"/> | 22 | MONOOO21*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 23 | MON00021*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
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| <input type="checkbox"/> | 25 | "M0N ØØØ21*".mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
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| <input type="checkbox"/> | 27 | M0N 00021*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 28 | M0N empty setempty setempty set21*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
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| <input type="checkbox"/> | 30 | M0NOOO21*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 31 | M0N00021*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 32 | M0Nempty setempty setempty set21*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 33 | 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 | 141 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 34 | 8 or 12 or 33 | 230 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 35 | 4 and 34 | 68 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 36 | 12 or 33 | 172 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 37 | 8 and 36 | 11 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 38 | 12 and 33 | 21 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 39 | 35 or 37 or 38 | 72 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 40 | Agrisure*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 29 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 41 | Cry1Ab*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1561 | Advanced | Display Results More | | |
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| <input type="checkbox"/> | 45 | CrylAb*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 43 | Advanced | Display Results More | | |
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| <input type="checkbox"/> | 48 | Cry l Ab*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 49 | 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 | 1643 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 50 | Phosphinothricin N acetyltransferase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 29 | Advanced | Display Results More | | |
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| <input type="checkbox"/> | 52 | Phosphinothricin acetyltransferase.mp. [mp=abstract, | 290 | Advanced | Display Results More | | |

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| | title, original title, broad terms, heading words, identifiers, cabicodes] | | | | | |
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| <input type="checkbox"/> | 55 PPT acetyl transferase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 56 PT N acetyltransferase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 2 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 57 PT N acetyl transferase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 58 Glufosinate acetyltransferase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 9 | Advanced | Display Results More | | |
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| <input type="checkbox"/> | 62 pat.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 2261 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 63 111069-93-3.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 64 "EC 2.3.1.183".mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
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| <input type="checkbox"/> | 66 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 | 2490 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 67 Vip3AA20*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 35 | Advanced | Display Results More | | |
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| <input type="checkbox"/> | 70 Vip3A A 20*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 71 67 or 68 or 69 or 70 | 35 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 72 Phosphomannoisomerase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 3 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 73 Mannose 6-phosphate isomerase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 124 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 74 Phosphomannoseisomerase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 75 Phosphomannose isomerase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 152 | Advanced | Display Results More | | |

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| <input type="checkbox"/> | 76 | 9023-88-5.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 77 | AAA24109.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 78 | "EC 5.3.1.8".mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 7 | Advanced | Display Results More | |
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| <input type="checkbox"/> | 80 | 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 | 232 | Advanced | Display Results More | |
| <input type="checkbox"/> | 81 | mCry3A*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 46 | Advanced | Display Results More | |
| <input type="checkbox"/> | 82 | mCry 3A*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 83 | mCry 3 A*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 84 | Cry3A*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 231 | Advanced | Display Results More | |
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| <input type="checkbox"/> | 86 | Cry 3 A*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 87 | 81 or 82 or 83 or 84 or 85 or 86 | 275 | Advanced | Display Results More | |
| <input type="checkbox"/> | 88 | 5 enol pyruvyl shikimate 3 phosphate synthase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 16 | Advanced | Display Results More | |
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| <input type="checkbox"/> | 91 | EPSP synthase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 115 | Advanced | Display Results More | |
| <input type="checkbox"/> | 92 | MEPSP synthase.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 93 | EPSPS.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 860 | Advanced | Display Results More | |
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| <input type="checkbox"/> | 95 | "EC 2.5.1.1.9".mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 23 | Advanced | Display Results More | |
| <input type="checkbox"/> | 96 | "E.C. 2.5.1.19".mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 23 | Advanced | Display Results More | |
| <input type="checkbox"/> | 97 | 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 | 1102 | Advanced | Display Results More | |
| <input type="checkbox"/> | 98 | 71 or 80 or 87 or 97 | 1626 | Advanced | Display Results More | |
| <input type="checkbox"/> | 99 | 49 and 98 | 87 | Advanced | Display Results More | |
| <input type="checkbox"/> | 100 | 71 or 80 or 87 or 97 | 1626 | Advanced | Display Results More | |
| <input type="checkbox"/> | 101 | 66 and 100 | 68 | Advanced | Display Results More | |
| <input type="checkbox"/> | 102 | 87 or 97 | 1372 | Advanced | Display Results More | |
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| <input type="checkbox"/> | 106 | 99 or 101 or 103 or 104 or 105 | 146 | Advanced | Display Results | More |
| <input type="checkbox"/> | 107 | Insect.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 387581 | Advanced | Display Results | More |
| <input type="checkbox"/> | 108 | Insects.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 773080 | Advanced | Display Results | More |
| <input type="checkbox"/> | 109 | coleoptera*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 133398 | Advanced | Display Results | More |
| <input type="checkbox"/> | 110 | lepidoptera*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 170459 | Advanced | Display Results | More |
| <input type="checkbox"/> | 111 | pest.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 419510 | Advanced | Display Results | More |
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| <input type="checkbox"/> | 118 | noctuidae.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 48888 | Advanced | Display Results | More |
| <input type="checkbox"/> | 119 | Crambidae.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1861 | Advanced | Display Results | More |
| <input type="checkbox"/> | 120 | Chrysomelidae.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 18489 | Advanced | Display Results | More |
| <input type="checkbox"/> | 121 | earworm*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 885 | Advanced | Display Results | More |
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| <input type="checkbox"/> | 126 | cut worm*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 76 | Advanced | Display Results | More |
| <input type="checkbox"/> | 127 | rootworm*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1843 | Advanced | Display Results | More |
| <input type="checkbox"/> | 128 | root worm*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 42 | Advanced | Display Results | More |
| <input type="checkbox"/> | 129 | Ostrinia.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 4793 | Advanced | Display Results | More |
| <input type="checkbox"/> | 130 | O nubilalis.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1074 | Advanced | Display Results | More |
| <input type="checkbox"/> | 131 | Diatraea.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1745 | Advanced | Display Results | More |
| <input type="checkbox"/> | 132 | D grandiosella.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 104 | Advanced | Display Results | More |

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|--------------------------|-----|---|-------|----------|--|---|
| <input type="checkbox"/> | 133 | D crambidoides.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 6 | Advanced | Display Results More | — |
| <input type="checkbox"/> | 134 | Helicoverpa.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 15132 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 135 | H zea.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1393 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 136 | Spodoptera.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 17378 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 137 | S frugiperda.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1855 | Advanced | Display Results More | 🗨 |
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| <input type="checkbox"/> | 139 | Papaipema.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 53 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 140 | P nebris.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 18 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 141 | Elasmopalpus.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 238 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 142 | E lignosellus.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 64 | Advanced | Display Results More | 🗨 |
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| <input type="checkbox"/> | 149 | F jaculifera.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 5 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 150 | Pseudaletia.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 651 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 151 | P unipuncta.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 38 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 152 | Diabrotica.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 3016 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 153 | D virgifera.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 357 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 154 | D barberi.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 146 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 155 | ECB.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 525 | Advanced | Display Results More | 🗨 |
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| <input type="checkbox"/> | 157 | SCSB.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 9 | Advanced | Display Results More | 🗨 |
| <input type="checkbox"/> | 158 | CEW.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 96 | Advanced | Display Results More | 🗨 |
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| heading words, identifiers, cabicodes] | | | | | | |
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| <input type="checkbox"/> | 164 | NCRW.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 165 | MCR.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1373 | Advanced | Display Results More | |
| <input type="checkbox"/> | 166 | MCRW.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 167 | 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 | 923006 | Advanced | Display Results More | |
| <input type="checkbox"/> | 168 | toleran*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 242959 | Advanced | Display Results More | |
| <input type="checkbox"/> | 169 | resistan*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 666081 | Advanced | Display Results More | |
| <input type="checkbox"/> | 170 | protect*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 515307 | Advanced | Display Results More | |
| <input type="checkbox"/> | 171 | control*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1986807 | Advanced | Display Results More | |
| <input type="checkbox"/> | 172 | 168 or 169 or 170 or 171 | 2884816 | Advanced | Display Results More | |
| <input type="checkbox"/> | 173 | ((Insect or Insects or coleoptera* or lepidoptera* or pest or pests or stalkborer* or stalk borer* or borer* or cornborer* or corn borer* or noctuidae or Crambidae or Chrysomelidae or earworm* or ear worm* or armyworm* or army worm* or cutworm* or cut worm* or rootworm* or root worm* or Ostrinia or O nubilalis or Diatraea or D grandiosella or D crambidoides or Helicoverpa or H zea or Spodoptera or S frugiperda or S exigua or Papaipema or P nebris or Elasmopalpus or E lignosellus or D saccharalis or Striacosta or S albicosta or Agrotis or A ipsilon or Feltia or F jaculifera or Pseudaletia or P unipuncta or Diabrotica or D virgifera or D barberi or ECB or SWCB or SCSB or CEW or FAW or SCB or WBC or WCRW or WCR or NCRW or MCR or MCRW) adj2 (toleran* or resistan* or protect* or control*).mp. | 189487 | Advanced | Display Results More | |
| <input type="checkbox"/> | 174 | B thuringiensis.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 5794 | Advanced | Display Results More | |
| <input type="checkbox"/> | 175 | Bacillus thuringiensis.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 20769 | Advanced | Display Results More | |
| <input type="checkbox"/> | 176 | glufosinate*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 2977 | Advanced | Display Results More | |
| <input type="checkbox"/> | 177 | gluphosinate*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 30 | Advanced | Display Results More | |
| <input type="checkbox"/> | 178 | Basta*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1565 | Advanced | Display Results More | |
| <input type="checkbox"/> | 179 | Liberty*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 965 | Advanced | Display Results More | |
| <input type="checkbox"/> | 180 | Ignite*.mp. [mp=abstract, title, original title, broad terms, | 888 | Advanced | | |

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| | heading words, identifiers, cabicodes] | | | Display Results More |
|--------------------------|---|---------|----------|--|
| <input type="checkbox"/> | 181 Rely*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 27289 | Advanced | Display Results More  |
| <input type="checkbox"/> | 182 Finale*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 304 | Advanced | Display Results More  |
| <input type="checkbox"/> | 183 Challenge*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 235071 | Advanced | Display Results More  |
| <input type="checkbox"/> | 184 gl?phosate.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 19522 | Advanced | Display Results More  |
| <input type="checkbox"/> | 185 gl?fosate.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 37 | Advanced | Display Results More  |
| <input type="checkbox"/> | 186 roundup*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 3085 | Advanced | Display Results More  |
| <input type="checkbox"/> | 187 round up*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 213 | Advanced | Display Results More  |
| <input type="checkbox"/> | 188 herbicide*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 148816 | Advanced | Display Results More  |
| <input type="checkbox"/> | 189 pesticide*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 841241 | Advanced | Display Results More  |
| <input type="checkbox"/> | 190 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 | 1118824 | Advanced | Display Results More  |
| <input type="checkbox"/> | 191 toleran*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 242959 | Advanced | Display Results More  |
| <input type="checkbox"/> | 192 resistan*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 666081 | Advanced | Display Results More  |
| <input type="checkbox"/> | 193 protect*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 515307 | Advanced | Display Results More  |
| <input type="checkbox"/> | 194 191 or 192 or 193 | 1272062 | Advanced | Display Results More  |
| <input type="checkbox"/> | 195 ((glufosinate* or gluphosinate* or Basta* or Liberty* or Ignite* or Rely* or Finale* or Challenge* or gl?phosate or gl?fosate or roundup* or round up* or herbicide* or pesticide*) adj2 (toleran* or resistan* or protect*)).mp. | 26433 | Advanced | Display Results More  |
| <input type="checkbox"/> | 196 173 or 174 or 175 or 195 | 224695 | Advanced | Display Results More  |
| <input type="checkbox"/> | 197 GMO*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 71840 | Advanced | Display Results More  |
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| <input type="checkbox"/> | 199 GM.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 20651 | Advanced | Display Results More  |
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| <input type="checkbox"/> | 201 transgen*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 98634 | Advanced | Display Results More  |
| <input type="checkbox"/> | 202 genetic*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1016464 | Advanced | Display Results More  |
| <input type="checkbox"/> | 203 living.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 147739 | Advanced | Display Results More  |
| <input type="checkbox"/> | 204 biotech*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 232611 | Advanced | Display Results More  |
| <input type="checkbox"/> | 205 202 or 203 or 204 | 1268576 | Advanced | Display Results More  |
| <input type="checkbox"/> | 206 modif*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 387780 | Advanced | Display Results More  |
| <input type="checkbox"/> | 207 transform*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 234900 | Advanced | Display Results More  |

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|--------------------------|-----|---|---------|----------|--|--------------------------|
| <input type="checkbox"/> | 208 | manipulat*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 102582 | Advanced | Display Results More | <input type="checkbox"/> |
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| <input type="checkbox"/> | 210 | engineer*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 195782 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 211 | deriv*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 447233 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 212 | 206 or 207 or 208 or 209 or 210 or 211 | 2006400 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 213 | ((genetic* or living or biotech*) adj3 (modif* or transform* or manipul* or improv* or engineer* or deriv*).mp. | 150343 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 214 | stack*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 10691 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 215 | 197 or 198 or 199 or 200 or 201 or 213 or 214 | 197593 | Advanced | Display Results More | <input type="checkbox"/> |
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| <input type="checkbox"/> | 217 | GMHT.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 94 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 218 | GEHT.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 112 | Advanced | Display Results More | <input type="checkbox"/> |
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| <input type="checkbox"/> | 223 | GMHRs.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 224 | GEHRs.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 1 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 225 | 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 | 224 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 226 | 216 or 225 | 17309 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 227 | Maize*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 283183 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 228 | corn*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 345536 | Advanced | Display Results More | <input type="checkbox"/> |
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| <input type="checkbox"/> | 231 | 227 or 228 or 229 or 230 | 387469 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 232 | 226 and 231 | 3395 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 233 | Bt.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 14954 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 234 | Bacillus thuringiensis.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 20769 | Advanced | Display Results More | <input type="checkbox"/> |
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| <input type="checkbox"/> | 237 | maize*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 283183 | Advanced | Display Results More | <input type="checkbox"/> |

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|--------------------------|-----|---|--------|----------|--|--------------------------|
| <input type="checkbox"/> | 238 | corn*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 345536 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 239 | mays.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 228351 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 240 | 237 or 238 or 239 | 387512 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 241 | ((Bt or Bacillus thuringiensis or B thuringiensis) adj5 (maize* or corn* or mays)).mp. | 2254 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 242 | Btmaize*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 243 | Btcorn*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] | 0 | Advanced | Save More | <input type="checkbox"/> |
| <input type="checkbox"/> | 244 | 241 or 242 or 243 | 2254 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 245 | 39 or 40 or 106 or 232 or 244 | 4270 | Advanced | Display Results More | <input type="checkbox"/> |
| <input type="checkbox"/> | 246 | limit 245 to yr="2020 -Current" | 157 | Advanced | Display Results More | <input type="checkbox"/> |

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- synthase
- enolpyruvyl
- enolpyruvylshikimate
- 9023-88-5
- a
- ipsilon
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All

1. **Characterization of DvSSJ1 transcripts targeting the smooth septate junction (SSJ) of western corn rootworm (*Diabrotica virgifera virgifera*).**

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2. **Molecular characterization of Cry1F resistance in fall armyworm, *Spodoptera frugiperda* from Brazil.**

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3. **Are glyphosate and glufosinate-ammonium totally selective for transgenic maize containing the CP4-EPSPS and PAT genes?**

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agrisure*
 agrotis
 army
 worm*
 armyworm*
 b
 thuringiensis
 bacillus
 basta*
 biotech*
 borer*
 bt
 bt11
 btcorn*
 btmaize*
 cew
 challenge*
 chrysolimidae
 coleoptera*
 control*
 corn
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 corborer*
 crambidae
 cry
 ab*
 1ab*
 a*
 3a*
 i
 iab*
 cry1
 cry1ab*
 cry3a*
 cryi
 cryiab*
 cut
 cutworm*
 d
 barberi
 crambidoidea
 grandiosella
 saccharalis
 virgifera
 deriv*
 diabrotica
 diatraea
 e
 lignosellus
 e.c.
 2.3.1.183
 2.5.1.19
 5.3.1.8
 ear
 earworm*
 ec
 2.5.1.1.9
 ecb
 elasmopalpus
 engineer*
 epsp
 epsps
 f
 jaculifera
 faw
 feltia

4. [Physiological response of conventional and transgenic maize to water stress.](#)

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5. [Influence of transgenic maize on behavior of adult female of *Spodoptera frugiperda* \(J. E. Smith\) \(Lepidoptera: Noctuidae\).](#)

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2i
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ga2i
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gehr
gehrs
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genetic*
gl?fosate
gl?phosate
glufosinate
acetyl
transferase
acetyltransferase
glufosinate*
gluphosinate
gluphosinate*
gm
gmhr
gmhrs
gmht
gmhts
gmo*
h
zea
helicoverpa
herbicide*
ignite*
improv*
insect
insects
lepidoptera*
liberty*
living
lmo*
m0n
00021*
empty
setempty
set21*
ooo21*
ØØØ21*
m0n00021*
m0nempty
m0nooo21*
m0nØØØ21*
maize*
manipulat*
mannose
6-phosphate
isomerase
mays
mcr
mcrw
mcry
mcry3a*
mepsp
mepsp
mir
mir162
mir604
modif*
mon

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mon00021*
monempty
monoo021*
mon00021*
ncrw
noctuidae
o
nubilalis
ostrinia
p
nebris
unipuncta
papaipema
pat
pest
pesticide*
pests
phosphinothricin
n
phosphomannoisomerase
phosphomannose
phosphomannoseisomerase
ppt
protect*
pseudaletia
pt
rely*
resistan*
root
rootworm*
round
up*
roundup*
s
albicosta
exigua
frugiperda
scb
scsb
spodoptera
stack*
stalk
stalkborer*
striacosta
swcb
syn-bt?11-1
syn-ir162-4
syn-ir674-5
toleran*
transform*
transgen*
vip3
aa
20*
aa20*
vip3a
vip3aa20*
wbc
wcr
wcrw
z

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| <input type="checkbox"/> | 1 | Bt11.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 106 | Advanced | Display Results More | Contract |
| <input type="checkbox"/> | 2 | Bt 11.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 40 | Advanced | Display Results More | |
| <input type="checkbox"/> | 3 | SYNBT?11-1.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 4 | 1 or 2 or 3 | 144 | Advanced | Display Results More | |
| <input type="checkbox"/> | 5 | MIR162.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 51 | Advanced | Display Results More | |
| <input type="checkbox"/> | 6 | MIR 162.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 6 | Advanced | Display Results More | |
| <input type="checkbox"/> | 7 | SYNHR162-4.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 8 | 5 or 6 or 7 | 58 | Advanced | Display Results More | |
| <input type="checkbox"/> | 9 | MIR604.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 27 | Advanced | Display Results More | |
| <input type="checkbox"/> | 10 | MIR 604.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 11 | Advanced | Display Results More | |
| <input type="checkbox"/> | 11 | SYNHR674-5.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism | 0 | Advanced | Save More | |

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| | supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 12 9 or 10 or 11 | 38 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 13 GA21.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 58 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 14 GA 21.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 22 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 15 GA21.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 16 GA 21.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 17 "MON ØØØ21*".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 4 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 18 MON OOO21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | | |
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| <input type="checkbox"/> | 20 MON empty setempty setempty set21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | | |
| <input type="checkbox"/> | 21 "MONØØØ21*".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1 | Advanced | Display Results More | | |
| <input type="checkbox"/> | 22 MONOOO21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary | 0 | Advanced | Save More | | |

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|--------------------------|---|----|----------|--|--|
| | concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | |
| <input type="checkbox"/> | 23 MON00021*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 24 MONempty setempty setempty set21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 25 "MON ØØØ21*".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 26 MON OOO21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 27 MON 00021*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 28 MON empty setempty setempty set21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 29 "MONØØØ21*".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 30 MONOOO21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 31 MON00021*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 32 MONempty setempty setempty set21*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 33 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 | 85 | Advanced | Display Results More | |

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|--------------------------|----|---|-----|----------|---------------------------------|----------------------|--|
| <input type="checkbox"/> | 34 | 8 or 12 or 33 | 163 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 35 | 4 and 34 | 37 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 36 | 12 or 33 | 113 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 37 | 8 and 36 | 8 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 38 | 12 and 33 | 10 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 39 | 35 or 37 or 38 | 39 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 40 | Agrisure*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 41 | Cry1Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 882 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 42 | Cry 1Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 13 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 43 | Cry1 Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 6 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 44 | Cry 1 Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 45 | Cry1Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 24 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 46 | Cry 1Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 47 | Cry1 Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 48 | Cry 1 Ab*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1 | Advanced | Display Results | More | |

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|--------------------------|----|---|-----|----------|--|--|
| <input type="checkbox"/> | 49 | 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 | 920 | Advanced | Display Results More | |
| <input type="checkbox"/> | 50 | Phosphinothricin N acetyltransferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 130 | Advanced | Display Results More | |
| <input type="checkbox"/> | 51 | Phosphinothricin N acetyl transferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 52 | Phosphinothricin acetyltransferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 92 | Advanced | Display Results More | |
| <input type="checkbox"/> | 53 | Phosphinothricin acetyl transferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 39 | Advanced | Display Results More | |
| <input type="checkbox"/> | 54 | PPT acetyltransferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 55 | PPT acetyl transferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1 | Advanced | Display Results More | |
| <input type="checkbox"/> | 56 | PT N acetyltransferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 3 | Advanced | Display Results More | |
| <input type="checkbox"/> | 57 | PT N acetyl transferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 58 | Glufosinate acetyltransferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 59 | Glufosinate acetyl transferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 60 | Gluphosinate acetyltransferase.mp. [mp=title, abstract, original title, name of substance word, subject heading | 0 | Advanced | Save More | |

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|--------------------------|--|------|----------|--|--|
| | word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | |
| <input type="checkbox"/> | 61 Gluphosinate acetyl transferase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 62 pat.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 5559 | Advanced | Display Results More | |
| <input type="checkbox"/> | 63 111069-93-3.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 64 "EC 2.3.1.183".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 65 "E.C. 2.3.1.183".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 66 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 | 5677 | Advanced | Display Results More | |
| <input type="checkbox"/> | 67 Vip3AA20*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 22 | Advanced | Display Results More | |
| <input type="checkbox"/> | 68 Vip3 AA20*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 69 Vip3 AA 20*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 70 Vip3A A 20*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 71 67 or 68 or 69 or 70 | 22 | Advanced | Display Results More | |
| <input type="checkbox"/> | 72 Phosphomannosomerase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, | 18 | Advanced | Display Results More | |

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|--------------------------|----|---|-----|----------|--|--|
| <input type="checkbox"/> | 73 | Mannose 6-phosphate isomerase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 384 | Advanced | Display Results More | |
| <input type="checkbox"/> | 74 | Phosphomannoseisomerase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 5 | Advanced | Display Results More | |
| <input type="checkbox"/> | 75 | Phosphomannose isomerase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 259 | Advanced | Display Results More | |
| <input type="checkbox"/> | 76 | 9023-88-5.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 77 | AAA24109.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 78 | "EC 5.3.1.8".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 18 | Advanced | Display Results More | |
| <input type="checkbox"/> | 79 | "E.C. 5.3.1.8".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 18 | Advanced | Display Results More | |
| <input type="checkbox"/> | 80 | 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 | 496 | Advanced | Display Results More | |
| <input type="checkbox"/> | 81 | mCry3A*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 34 | Advanced | Display Results More | |
| <input type="checkbox"/> | 82 | mCry 3A*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 83 | mCry 3 A*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary | 0 | Advanced | Save More | |

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|--------------------------|--|------|----------|---------------------------------|----------------------|---|
| | concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 84 Cry3A*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 162 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 85 Cry 3A*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 86 Cry 3 A*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 3 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 87 81 or 82 or 83 or 84 or 85 or 86 | 196 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 88 5 enol pyruvyl shikimate 3 phosphate synthase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 7 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 89 5 enolpyruvyl shikimate 3 phosphate synthase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 30 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 90 5 enolpyruvylshikimate 3 phosphate synthase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 341 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 91 EPSP synthase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 152 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 92 MEPSP synthase.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save | More |  |
| <input type="checkbox"/> | 93 EPSPS.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 4245 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 94 MEPSPS.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 55 | Advanced | Display Results | More |  |

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|--------------------------|-----|---|--------|----------|--|--|
| <input type="checkbox"/> | 95 | "EC 2.5.1.1.9".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 30 | Advanced | Display Results More | |
| <input type="checkbox"/> | 96 | "E.C. 2.5.1.19".mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 30 | Advanced | Display Results More | |
| <input type="checkbox"/> | 97 | 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 | 4515 | Advanced | Display Results More | |
| <input type="checkbox"/> | 98 | 71 or 80 or 87 or 97 | 5222 | Advanced | Display Results More | |
| <input type="checkbox"/> | 99 | 49 and 98 | 51 | Advanced | Display Results More | |
| <input type="checkbox"/> | 100 | 71 or 80 or 87 or 97 | 5222 | Advanced | Display Results More | |
| <input type="checkbox"/> | 101 | 66 and 100 | 28 | Advanced | Display Results More | |
| <input type="checkbox"/> | 102 | 87 or 97 | 4709 | Advanced | Display Results More | |
| <input type="checkbox"/> | 103 | 71 and 102 | 3 | Advanced | Display Results More | |
| <input type="checkbox"/> | 104 | 80 and 97 | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 105 | 87 and 97 | 2 | Advanced | Display Results More | |
| <input type="checkbox"/> | 106 | 99 or 101 or 103 or 104 or 105 | 77 | Advanced | Display Results More | |
| <input type="checkbox"/> | 107 | Insect.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 131179 | Advanced | Display Results More | |
| <input type="checkbox"/> | 108 | Insects.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 51994 | Advanced | Display Results More | |
| <input type="checkbox"/> | 109 | coleoptera*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 20750 | Advanced | Display Results More | |
| <input type="checkbox"/> | 110 | lepidoptera*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 19029 | Advanced | Display Results More | |
| <input type="checkbox"/> | 111 | pest.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 34511 | Advanced | Display Results More | |
| <input type="checkbox"/> | 112 | pests.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 13666 | Advanced | Display Results More | |

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|--------------------------|-----|---|------|----------|--|--|
| <input type="checkbox"/> | 113 | stalkborer*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 3 | Advanced | Display Results More | |
| <input type="checkbox"/> | 114 | stalk borer*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 59 | Advanced | Display Results More | |
| <input type="checkbox"/> | 115 | borer*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2717 | Advanced | Display Results More | |
| <input type="checkbox"/> | 116 | comborer*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 6 | Advanced | Display Results More | |
| <input type="checkbox"/> | 117 | corn borer*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 766 | Advanced | Display Results More | |
| <input type="checkbox"/> | 118 | noctuidae.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2444 | Advanced | Display Results More | |
| <input type="checkbox"/> | 119 | Crambidae.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 592 | Advanced | Display Results More | |
| <input type="checkbox"/> | 120 | Chrysomelidae.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1314 | Advanced | Display Results More | |
| <input type="checkbox"/> | 121 | earworm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 311 | Advanced | Display Results More | |
| <input type="checkbox"/> | 122 | ear worm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 7 | Advanced | Display Results More | |
| <input type="checkbox"/> | 123 | armyworm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary | 1498 | Advanced | Display Results More | |

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|--------------------------|--|------|----------|---------------------------------|----------------------|---|
| | concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 124 army worm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 51 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 125 cutworm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 372 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 126 cut worm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 127 rootworm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 606 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 128 root worm*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 3 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 129 Ostrinia.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 759 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 130 O nubilalis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 188 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 131 Diatraea.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 245 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 132 D grandiosella.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 8 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 133 D crambidoides.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save | More |  |
| <input type="checkbox"/> | 134 Helicoverpa.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub- | 2504 | Advanced | Display Results | More |  |

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|--------------------------|---|-------|----------|---------------------------------|----------------------|---|
| | heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 135 H zea.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 337 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 136 Spodoptera.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 11496 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 137 S frugiperda.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 640 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 138 S exigua.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 546 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 139 Papaipema.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 4 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 140 P nebris.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 141 Elasmopalpus.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 16 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 142 E lignosellus.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 143 D saccharalis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 111 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 144 Striacosta.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 31 | Advanced | Display Results | More |  |

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|--------------------------|-----|--|------|----------|--|---|
| <input type="checkbox"/> | 145 | S albicosta.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 16 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 146 | Agrotis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 305 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 147 | A ipsilon.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 83 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 148 | Feltia.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 11 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 149 | F jaculifera.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More |  |
| <input type="checkbox"/> | 150 | Pseudaletia.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 155 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 151 | P unipuncta.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 14 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 152 | Diabrotica.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 614 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 153 | D virgiferi.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 26 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 154 | D barberi.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 24 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 155 | ECB.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary | 1094 | Advanced | Display Results More |  |

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|--------------------------|--|-------|----------|---------------------------------|----------------------|--|
| | concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 156 SWCB.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 8 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 157 SCSB.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 77 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 158 CEW.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 165 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 159 FAW.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 185 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 160 SCB.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1048 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 161 WBC.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 18414 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 162 WCRW.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 4 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 163 WCR.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 267 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 164 NCRW.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save | More | |
| <input type="checkbox"/> | 165 MCR.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 5088 | Advanced | Display Results | More | |
| <input type="checkbox"/> | 166 MCRW.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub- | 0 | Advanced | Save | More | |

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| | heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | |
|------------------------------|--|---------|----------|--|--|
| <input type="checkbox"/> 167 | 107 or 108 or 109 or 110 or 111 or 112 or 113 or 114 or 115 or 116 or 117 or 118 or 119 or 120 or 121 or 122 or 123 or 124 or 125 or 126 or 127 or 128 or 129 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138 or 139 or 140 or 141 or 142 or 143 or 144 or 145 or 146 or 147 or 148 or 149 or 150 or 151 or 152 or 153 or 154 or 155 or 156 or 157 or 158 or 159 or 160 or 161 or 162 or 163 or 164 or 165 or 166 | 234226 | Advanced | Display Results More | |
| <input type="checkbox"/> 168 | toleran*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 353325 | Advanced | Display Results More | |
| <input type="checkbox"/> 169 | resistan*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1196752 | Advanced | Display Results More | |
| <input type="checkbox"/> 170 | protect*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 918272 | Advanced | Display Results More | |
| <input type="checkbox"/> 171 | control*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 5708158 | Advanced | Display Results More | |
| <input type="checkbox"/> 172 | 168 or 169 or 170 or 171 | 7348816 | Advanced | Display Results More | |
| <input type="checkbox"/> 173 | ((Insect or Insects or coleoptera* or lepidoptera* or pest or pests or stalkborer* or stalk borer* or borer* or comborer* or corn borer* or noctuidae or Crambidae or Chrysomelidae or earworm* or ear worm* or armyworm* or army worm* or outworm* or cut worm* or rootworm* or root worm* or Ostrinia or O nubilalis or Diatraea or D grandiosella or D crambidoides or Helicoverpa or H zea or Spodoptera or S frugiperda or S exigua or Papaipema or P nebris or Elasmopalpus or E lignosellus or D saccharalis or Striacosta or S albicosta or Agrotis or A ipsilon or Feltia or F jaculifera or Pseudaletia or P unipuncta or Diabrotica or D virgifera or D barberi or ECB or SWCB or SCSB or CEW or FAW or SCB or WBC or WCRW or WCR or NCRW or MCR or MCRW) adj2 (toleran* or resistan* or protect* or control*)),mp. | 32309 | Advanced | Display Results More | |
| <input type="checkbox"/> 174 | B thuringiensis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2344 | Advanced | Display Results More | |
| <input type="checkbox"/> 175 | Bacillus thuringiensis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9110 | Advanced | Display Results More | |

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|--------------------------|-----|---|--------|----------|--|---|
| <input type="checkbox"/> | 176 | glufosinate*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 512 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 177 | gluphosinate*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 178 | Basta*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 936 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 179 | Liberty*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1998 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 180 | Ignite*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1768 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 181 | Rely*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 89197 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 182 | Finale*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 820 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 183 | Challenge*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 735754 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 184 | gl?phosate.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 4069 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 185 | gl?fosate.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1 | Advanced | Display Results More |  |
| <input type="checkbox"/> | 186 | roundup*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1278 | Advanced | Display Results More |  |

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| | concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 187 round up*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 629 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 188 herbicide*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 27112 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 189 pesticide*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 63360 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 190 176 or 177 or 178 or 179 or 180 or 181 or 182 or 183 or 184 or 185 or 186 or 187 or 188 or 189 | 907635 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 191 toleran*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 353325 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 192 resistan*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1196752 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 193 protect*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 918272 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 194 191 or 192 or 193 | 2334131 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 195 ((glufosinate* or glufosinate* or Basta* or Liberty* or Ignite* or Rely* or Finale* or Challenge* or gl?phosate or gl?fosate or roundup* or round up* or herbicide* or pesticide*) adj2 (toleran* or resistan* or protect*)).mp. | 9044 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 196 173 or 174 or 175 or 195 | 46880 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 197 GMO*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2163 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 198 LMO*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2540 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 199 GM.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 53585 | Advanced | Display Results | More |  |

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| | concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 200 GE.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 20231 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 201 transgen*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 227972 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 202 genetic*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 4179223 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 203 living.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 427682 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 204 biotech*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 71456 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 205 202 or 203 or 204 | 4607781 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 206 modif*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 1203699 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 207 transform*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 650407 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 208 manipulat*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 210698 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 209 improv*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2763965 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 210 engineer*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 286474 | Advanced | Display Results | More |  |
| <input type="checkbox"/> | 211 deriv*.mp. [mp=title, abstract, original title, name of | 2044969 | Advanced | Display Results | More |  |

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| | substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | | | | | |
| <input type="checkbox"/> | 212 | 206 or 207 or 208 or 209 or 210 or 211 | 6296575 | Advanced | Display Results More | |
| <input type="checkbox"/> | 213 | ((genetic* or living or biotech*) adj3 (modifi* or transform* or manipul* or improv* or engineer* or deriv*)).mp. | 164837 | Advanced | Display Results More | |
| <input type="checkbox"/> | 214 | stack*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 48261 | Advanced | Display Results More | |
| <input type="checkbox"/> | 215 | 197 or 198 or 199 or 200 or 201 or 213 or 214 | 470270 | Advanced | Display Results More | |
| <input type="checkbox"/> | 216 | 196 and 215 | 6057 | Advanced | Display Results More | |
| <input type="checkbox"/> | 217 | GMHT.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 32 | Advanced | Display Results More | |
| <input type="checkbox"/> | 218 | GEHT.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 730 | Advanced | Display Results More | |
| <input type="checkbox"/> | 219 | GMHR.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 7 | Advanced | Display Results More | |
| <input type="checkbox"/> | 220 | GEHR.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 22 | Advanced | Display Results More | |
| <input type="checkbox"/> | 221 | GMHTs.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 222 | GEHTs.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 39 | Advanced | Display Results More | |
| <input type="checkbox"/> | 223 | GMHRs.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 224 | GEHRs.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary | 1 | Advanced | Display Results More | |

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| | | | | | | |
|--------------------------|-----|--|--------|----------|--|--|
| <input type="checkbox"/> | 225 | concept word, rare disease supplementary concept word, unique identifier, synonyms] 217 or 218 or 219 or 220 or 221 or 222 or 223 or 224 | 830 | Advanced | Display Results More | |
| <input type="checkbox"/> | 226 | 216 or 225 | 6854 | Advanced | Display Results More | |
| <input type="checkbox"/> | 227 | Maize*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 33538 | Advanced | Display Results More | |
| <input type="checkbox"/> | 228 | corn*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 222267 | Advanced | Display Results More | |
| <input type="checkbox"/> | 229 | Zea mays.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 38542 | Advanced | Display Results More | |
| <input type="checkbox"/> | 230 | Z mays.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 378 | Advanced | Display Results More | |
| <input type="checkbox"/> | 231 | 227 or 228 or 229 or 230 | 258944 | Advanced | Display Results More | |
| <input type="checkbox"/> | 232 | 226 and 231 | 1509 | Advanced | Display Results More | |
| <input type="checkbox"/> | 233 | Bt.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 15988 | Advanced | Display Results More | |
| <input type="checkbox"/> | 234 | Bacillus thuringiensis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 9110 | Advanced | Display Results More | |
| <input type="checkbox"/> | 235 | B thuringiensis.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 2344 | Advanced | Display Results More | |
| <input type="checkbox"/> | 236 | 233 or 234 or 235 | 22550 | Advanced | Display Results More | |
| <input type="checkbox"/> | 237 | maize*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 33538 | Advanced | Display Results More | |
| <input type="checkbox"/> | 238 | corn*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 222267 | Advanced | Display Results More | |
| <input type="checkbox"/> | 239 | mays.mp. [mp=title, abstract, original title, name of | 38808 | Advanced | | |

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substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

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| | | | | | | |
|--------------------------|-----|--|--------|----------|--|--|
| <input type="checkbox"/> | 240 | 237 or 238 or 239 | 259167 | Advanced | Display Results More | |
| <input type="checkbox"/> | 241 | ((Bt or Bacillus thuringiensis or B thuringiensis) adj5 (maize* or corn* or mays)).mp. | 841 | Advanced | Display Results More | |
| <input type="checkbox"/> | 242 | Btmaize*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 243 | Btcorn*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] | 0 | Advanced | Save More | |
| <input type="checkbox"/> | 244 | 241 or 242 or 243 | 841 | Advanced | Display Results More | |
| <input type="checkbox"/> | 245 | 39 or 40 or 106 or 232 or 244 | 1767 | Advanced | Display Results More | |
| <input type="checkbox"/> | 246 | limit 245 to yr="2020 -Current" | 167 | Advanced | Display Results More | |

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- shikimate
- phosphate
- synthase
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enolpyruvylshikimate
 9023-88-5
 a
 epsilon
 aaa24109
 agrisure*
 agrotis
 army
 worm*
 armyworm*
 b
 thuringiensis
 bacillus
 basta*
 biotech*
 borer*
 bt
 bt11
 btom*
 btmaize*
 cev
 challenge*
 chrysonellidae
 coleoptera*
 control*
 corn
 corn*
 corborer*
 crambidae
 cry
 ab*
 1ab*
 a*
 3a*
 i
 iab*
 cry1
 cry1ab*
 cry3a*
 cryi
 cryiab*
 cut
 cutworm*
 d
 barberi
 crambicoides
 grandiosella
 saccharalis
 virgifera
 deriv*
 diabrotica
 diatraea
 e
 lignosellus
 e.c.
 2.3.1.183
 2.5.1.19
 5.3.1.8
 ear
 earworm*
 ec
 2.5.1.1.9
 ecb
 elasmopalpus
 engineer*
 epsp
 epsps
 f

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jaculifera
faw
feltia
finale*
ga
2i
ga21
ga2i
ge
gehr
gehns
geht
gehts
genetic*
g?fosate
g?phosate
glufosinate
acetyl
transferase
acetyltransferase
glufosinate*
gluphosinate
gluphosinate*
gm
gmhr
gmhrs
gmht
gmhts
gmo*
h
zea
helicoverpa
herbicide*
ignite*
improv*
insect
insects
lepidoptera*
liberty*
living
lmo*
m0n
00021*
empty
setempty
set21*
ooo21*
00021*
m0n00021*
m0nempty
m0nooo21*
m0n00021*
maize*
manipulat*
mannose
6-phosphate
isomerase
mays
mcr
mcrw
mcry
mcry3a*
mepsp
mepsp
mir
mir162
mir604
modif*

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mon
mon00021*
monempty
monoco21*
mon@0021*
ncrw
noctuidae
o
nubilalis
ostrinia
p
netris
unipuncta
papaipepa
pat
pest
pesticide*
pests
phosphinothricin
n
phosphomannoisomerase
phosphomannose
phosphomannoseisomerase
ppt
protect*
pseudalefia
pt
rely*
resistan*
root
rootworm*
round
up*
roundup*
s
albicosta
exigua
frugiperda
scb
scsb
spodoptera
stack*
stalk
stalkborer*
striacosta
swcb
syn-bt?11-1
syn-r162-4
syn-r6?4-5
toleran*
transform*
transgen*
vip3
aa
20*
aa20*
vip3a
vip3aa20*
wbc
wcr
wcrw
z

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