ANNEX 6

AMFLORA FARM QUESTIONNAIRE

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Personal details

Farm: ..............................................................................................................................

Farmer / contact person

Surname: ........................................ First name: ......................................................
Address: .................................................................
Postal code: ................................................ Town/City: ...........................................
Phone: ........................................................
E-mail: .............................................................
Form no. 3: Land Parcel Index / Monitoring

1 Farm

Country and county: ................................................
Size of farm (ha): ........................................
Total area of all potatoes cultivated on farm this season (ha): ..............
Total area of Amflora potatoes cultivated on farm this season (ha): ............
Name the conventional varieties you have cultivated this season:

1. .................................................................
2. .................................................................
3. .................................................................
4. .................................................................

How many starch potato varieties (not including Amflora) did you plant this season? ..............
Starch potato variety used as comparator variety for Amflora potato (if available):

2 Location

Local subdistrict: ........................................ Cadastral district: .........................
Cadastral units (extract from land registry map): ........................................

2.1 Soil

Soil quality rating: ....................... Humus content (%): .....................
Mark the predominant soil type in the area under surveillance:

O Clay O Sandy loam O Slightly loamy sand
O Heavy loam O Very loamy sand O Sand
O Loam O Loamy sand O Not known

Results of soil test in (year): .........................
pH: ............ mg P₂O₅: ............ K₂O: ............ MgO: ............ Mn: ............
N₅min: Date (DD/MM): ......................... kg NO₃-N/ha: .........................
Test for nematodes:  O No  O Yes  (O positive  O negative)

Characterize soil fertility of the area under surveillance:
- Below average – poor
- Average – normal
- Above average – good

Are the data given for the Amflora potato cultivation area the same as for the comparator variety?
- Yes
- No
- O No comparator variety

If no: In your opinion, are the differences:
- Considerable
- Moderate
- Minor / negligible

Please specify the differences: ........................................................................................................
...........................................................................................................................................

2.2 Weather

Average annual rainfall (mm): .............. for the period: .........................

Average annual temperature (°C): ............. for the period: .........................

Characterize the rainfall: (during growing season)
- Below average – dry
- Average – normal
- Above average – damp

Characterize the temperature: (during growing season)
- Below average – cold
- Average – normal
- Above average – warm

3 Cultivation measures

3.1 Cultivation, beginning after harvest of preceding crop

Preceding crop 2 years ago: .................................................................

Preceding crop last year: .................................................................

Tillage:  O No  O Yes  (time:  O Fall  O Spring)

Tillage method:
- O Turning
- O Non-turning
- O Separating
Inter crop: ..............................................

Other tillage prior to planting:
........................................................................................................................................

### 3.2 Data relating to seed potatoes

Category: .........................

Sprouting: .........................  Calibration (mm): .........................

Quantity of seed potatoes (t)/ha: .........................

Treatment / coating:
........................................................................................................................................

Comments: ................................................................................................................................

### 3.3 Planting / Cultivation / Development

Planting date (DD/MM): .................................

Soil temperature during planting (°C): ............

Planting method:  
- O Standard planting (with plowed furrows)  
- O Mulch planting  
- O Bed system

Row distance (cm): .........................  Plant distance (cm): .........................

Forming ridges (DD/MM): .........................  Emergence (DD/MM): .........................

Test for foreign varieties:  
1. Date (DD/MM): .................................
2. Date (DD/MM): .................................
3. Date (DD/MM): .................................
4. Date (DD/MM): .................................

Irrigation?  Yes / No
........................................................................................................................................

Characterize sprouting in comparison to the Amflora variety description and similar varieties:

- O As usual
- O Better
- O Poorer
If not 'As usual', please specify:

Characterize time to emergence in comparison to the Amflora variety description and similar varieties:

- As usual
- Accelerated
- Delayed

If not 'As usual', please specify:

Characterize plant growth in comparison to the Amflora variety description and similar varieties:

- As usual
- Accelerated
- Delayed

If not 'As usual', please specify:

Characterize phenotype in comparison to the Amflora variety description:

If not 'As usual', please specify:

3.4 Fertilization

3.4.1 Organic fertilizers

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Quantity</th>
<th>N</th>
<th>P_2O_5</th>
<th>K_2O</th>
<th>MgO</th>
</tr>
</thead>
</table>

3.4.2 Mineral fertilizers

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Quantity</th>
<th>N</th>
<th>P_2O_5</th>
<th>K_2O</th>
<th>MgO</th>
</tr>
</thead>
</table>
3.5 Chemical weed control

General evaluation of weed pressure on Amflora potatoes in the growing year in relation to comparator variety (if available):

- As usual
- More weeds
- Fewer weeds

Please list the weeds noted and the herbicides used with details of date and quantity.

<table>
<thead>
<tr>
<th>Weed</th>
<th>Herbicide</th>
<th>Date</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

Characterize the success of weed control on Amflora potatoes in relation to comparator variety (if available):

- As usual
- Better
- Poorer

If not 'As usual', please specify:

.................................................................................................................................................................
3.6 Occurrence of Pests / Treatment

General evaluation of pest occurrence in Amflora potatoes in relation to comparator variety (if available):

- O As usual
- O More pests
- O Fewer pests

Susceptibility of Amflora potatoes to pests in relation to comparator variety (if available):

- O As usual
- O More susceptible
- O Less susceptible

Please list the pests noted and the insecticides used with details of date and quantity.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Insecticide</th>
<th>Date</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potato beetle</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Aphids</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Characterize the success of pest control on Amflora potatoes in relation to comparator variety (if available):

- O As usual
- O Better
- O Poorer

If not 'As usual', please specify:

....................................................................................................................................
3.7 Occurrence of Disease / Treatment

General evaluation of disease occurrence in Amflora potatoes in relation to comparator variety (if available):

- O As usual
- O More diseases
- O Fewer diseases

Susceptibility of Amflora potatoes to disease in relation to comparator variety (if available):

- O As usual
- O More susceptible
- O Less susceptible

3.7.1 Late blight

General evaluation of pressure caused by late blight in Amflora potatoes in relation to comparator variety (if available):

- O As usual
- O More
- O Less

List the fungicides used with details of date and quantity.

<table>
<thead>
<tr>
<th>Fungicide</th>
<th>Date</th>
<th>Quantity</th>
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<tbody>
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</tbody>
</table>

Characterize the success of control measures for late blight in Amflora potatoes in relation to comparator variety (if available):

- O As usual
- O Better
- O Poorer
If not 'As usual', please specify:

....................................................................................................................................

### 3.7.2 Other diseases

Please list any other diseases that occurred in Amflora potatoes and list the measures taken and the relevant dates.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Measure</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhizoctonia solani (black scurf)</td>
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<td></td>
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<tr>
<td>Alternaria solani (early blight)</td>
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<td></td>
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<tr>
<td>Streptomyces scabies (common scab)</td>
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<td></td>
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<tr>
<td>Blackleg, stem canker</td>
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<td></td>
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<tr>
<td>Potato virus Y (PVY)</td>
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<td></td>
</tr>
<tr>
<td>Potato leaf roll virus (PLRV)</td>
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</tbody>
</table>

Characterize the success of control measures in Amflora potatoes in relation to comparator variety (if available):

- O As usual
- O Better
- O Poorer
If not 'As usual', please specify:

.........................................................................................................................................

### 3.8 Use of herbicides for haulm killing

Haulm killing for Amflora potatoes by:

- O chemical measures only, use of herbicides
- O mechanically only
- O both methods
- O no haulm killing

If herbicides were used, please give the full commercial name of the herbicides.

1. ..................................................................................................................................
2. ..................................................................................................................................
3. ..................................................................................................................................

### 3.9 Harvest

Date of harvest (DD/MM): ..........................................................

Yield/ha: ...............................................................................

Characterize the maturity in comparison to the Amflora variety description and similar varieties:

- O As usual
- O Accelerated
- O Delayed

If not 'As usual', please specify:

.........................................................................................................................................

Characterize the date of harvest in comparison to the Amflora variety description and similar varieties:

- O As usual
- O Accelerated
- O Delayed

If not 'As usual', please specify:

.........................................................................................................................................

Characterize the yield in comparison to the Amflora variety description and similar varieties:

- O As usual
- O More
- O Less
### 4 Presence of wild animals

General impression regarding presence of wild animals (mammals, birds, insects) in the Amflora potato cultivation area in relation to the comparator variety.

- O As usual
- O More
- O Less
- O Don't know

If not 'As usual', please specify your observations:

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