Portugal

Results of the implementation of the Sheep and goat brucellosis eradication programme 2011

Standing Committee on the Food Chain and Animal Health (SCOFCAH)
Brussels, 4 and 5 June 2012
National Eradication Programme

N.º Herds on the programme in 2011 (mainland) 66,051
N.º Animals on the programme in 2011 (mainland) 2,378,815
General measures of the national eradication programme

- Serological control – animals + 6 months (or +18 months if vaccinated REV1)
- Vaccination: conjunctival REV1 vaccination of young females (3-6 months) in infected herds with negative serological results
- Slaughter of animals RB+ or FC+ (depends on sanitary status and vaccination)
- Stamping out under specific conditions
  - Epidemiological survey
  - Evaluation / Authorization from Veterinary Services at regional level
  - Criteria:
    - Epidemiological evolution – no improvement in the last 12 months
    - Impossibility of implementing prophylactic measures
    - Brucella isolation
Entities involved in the execution of the eradication programme:

- **Coordination:** Central Veterinary Services – DGAV
  (Directorate-General for Food and Veterinary Issues)
- **Supervision:** Regional Food and Veterinary Official Services – DSAVR
  (Regional Directorate for Food and Veterinary Issues)
- **Field implementation:** Sanitary Defense Groups – OPP
  (Private veterinarians)
sheep and goat brucellosis eradication programme in Portugal
n.º positive herds / n.º positive animals

1999 - 2011
sheep and goat brucellosis eradication programme in Portugal
\% positive herds / \% positive animals

1999 - 2011

% of positive herds

% of positive animals
sheep and goat brucellosis eradication programme in Portugal
n.º of vaccinated animals (REV 1)
2001 / 2011
Rev1 Special Vaccination Programmes

North Region

Algarve Region
Specific vaccination Programmes
North Region Programme

<table>
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<tr>
<th>Vaccination strategy</th>
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<tr>
<td>Vaccination of young animals (3-6 months)</td>
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<table>
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<tr>
<th>N.º Herds in the programme</th>
<th>5.577</th>
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<tr>
<td>N.º Animals in the programme</td>
<td>307.502</td>
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Northern Region:

from 2001 to 2004
mass vaccination
(young & adult animals)

from 2005
only young animal vaccination
TRÁS-os-MONTES
SHEEP AND GOAT BRUCELLOSIS
SPECIFIC VACCINATION PROGRAMME
n.º positive herds / n.º positive animals
1999 / 2011
Specific vaccination Programmes
Algarve Region Programme

Vaccination strategy
Vaccination of young animals (3-6 months) in all the infected herds

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<tr>
<th>Description</th>
<th>Value</th>
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<tr>
<td>N.º Herds in the vaccination programme</td>
<td>289</td>
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<tr>
<td>N.º Animals in the vaccination programme</td>
<td>3511</td>
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Since 2005 only on young animals
ALGARVE
SHEEP AND GOAT BRUCELLOSIS
SPECIFIC VACCINATION PROGRAMME
n.º positive herds
1999 / 2011
Conclusions

• Proactive attitude (decision before bacteriological results)

• Epidemiological evaluation at regional level for in time decision

• Involvement of the OPP (stakeholders)

• Reinforcement of REV 1 vaccination programmes

• Reinforcement of stamping-out
Thank you