

Fish farming



External parasitosis:

- **Formaldehyde**, authorisation in other species (only authorised for gilthead and turbot). Furthermore, the use of this substance may be restricted due to safety problems. Thus, it is urgent to have **other active substances authorised for this indication**.

Other needs:

- **Oxytetracycline**: review and update of the Summary of Product Characteristics (SPC) to include other target species, indications and dosages.
- **Authorisation of other antibiotics**, considering the limited number of authorised active substances, and **polyvalent vaccines**.

Cattle:

Coccidiosis:

- **Decoquinat**e in formulations to be administered with milk, milk replacer or drinking water (individual administration), currently only authorised as premix.

Respiratory infections:

- **Pleuromutilins** as injectable forms (currently authorised in other species).

Leptospirosis:

- Vaccines (*L. pomona*).

Other needs:

- **Review and adjustment** of the specifications in the SPC (dosage) for **tetracyclines**.
- Alternatives to group B antibiotics for dairy cattle. Options with shorter withdrawal time in milk from group D and C.
- **Topical antibiotic forms for ocular infections and teat injury**.

Rabbit Farming



Epizootic enteropathy:

- **Other antibiotics** available for the treatment of this disease. **Avilamycin** is a promising alternative.
- Authorisation of **digestive enzyme complex** (to improve digestibility), as supportive therapy.

Coccidiosis: **Other** Veterinary Medicinal Products (VMPs) available.

Staphylococcal mastitis: Authorisation of **long-acting penicillins**.

Myxomatosis: **Review and update**, if applicable, of the available **vaccines**.

Respiratory infections: **Vaccines**.

Dermatomycosis: **Vaccines** and **VMPs**.

Dogs and Cats

Sepsis:

- Availability of **intravenous formulations**, such as ampicillin/amoxicillin, cefazoline and metronidazol.

Viral eye infections:

- Availability of **ganciclovir**, effective against feline herpetic keratitis, as eye drops or eye ointments.

Bacterial eye infections:

- Availability of **chloramphenicol** and **ciprofloxacin**, as eye drops or eye ointments.

Other needs:

- **VMPs** for **Keratoconjunctivitis sicca** (candidate for mutual recognition-Portugal)
- **Issues** as a result of the 'reserved list'
- Antimicrobials for **topic use**.

Bees



Varroosis:

- Urgent need of **new VMPs**.

Note: This list of priorities is provided only for guidance. For more information please keep in touch with: pram@aemps.es

Small Ruminants



Sheep

Ovine respiratory complex:

- **Polyvalent vaccines** with the three main pathogens involved and considering the last scientific advances.

Goats

Mycoplasmosis:

- **Authorisation of marbofloxacin**, a quinolone effective against this pathology.
- **Mastitis**: VMPs with good intramammary distribution against this pathogen.

Coccidiosis:

- **Diclazuril**, extension of the authorisation already available for sheep and cattle.
- **Respiratory diseases**: vaccines

Common needs:

- **Cryptosporidiosis**: **Other** VMPs available.
- **Mastitis**: **Availability of intramammary tubes** with antibiotics, such as cloxacillin, adapted to the productive system of these species.
- There are no **anti-inflammatories** authorized, essential to increase the effectiveness of some treatments and to promote animal welfare.



Broilers and turkeys

Salmonellosis:

- **In-ovo vaccines** against other serotypes of public health relevance. It must comply with current regulations.

Respiratory and enteric bacterial infections:

- Availability of **other** antibiotics with shorter duration of treatments and withdrawal period.

Haemorrhagic enteritis (turkeys):

- **Vaccines** to prevent this pathology. Already authorised in France (stock shortages reported).

Other needs:

- VMPs against Histomoniasis & Aspergillosis, and in-ovo vaccines for other diseases.



Laying birds

Respiratory infections:

- **Vaccines**: It is critical to prevent the risk of stock shortages.
- Registration of VMPs with **bronchodilator and mucolytic active substances** to reduce the need of antibiotics. Plant extracts have a bad taste.
- Need for **anti-inflammatory VMPs** with appropriate MRL status for eggs

Red mite infestations:

- Availability of **other** active substances and **vaccines** to prevent this problem.

Tapeworm infestations:

- Availability of active substances (There is not MRL for praziquantel in eggs, off-label use of benzimidazoles reported)



Pig Farming

Diarrhoea caused by Rotavirus in piglets:

- **Vaccine**, already authorised in third countries.

Neonatal diarrhoea (caused by *Enterococcus* spp.) and post-weaning colibacillosis:

- There is a need of pharmacological **VMPs** and **alternatives**.

Swine dysentery:

- VMPs with **Bacitracin methylene salicylate** and **vaccines**

Other needs:

- **Tetracyclines**: review and adjustment of the SPC (dosage & duration of treatment).
- **Florfenicol**: review of indications (SPC) -to include the treatment of enteric problems caused by *Escherichia coli*.

Horses



Equine theileriosis: **Buparvacuone**, already available in third countries.

Sepsis: Availability of antibiotics as **intravenous forms: metronidazol** and others from group D and C.

Other needs:

- **Ectoparasiticides**: other VMPs available
- Antimicrobials for **topic use**