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Vaccination of calves 0-2 months: unravel when and why!

In recent years, many vaccines have appeared on the market. We would like to take stock of the different vaccines, their uses and when to give them.

Vaccines for the prevention of respiratory problems:

Inforce 3: Intra-nasal vaccine. Prevention against IBR, BRSV and PI-3 (respiratory viruses). Give at birth or 2 weeks before a stress (weaning, travelling, etc.) Duration of protection approximately 2 months.

Once PMH: Intra-nasal vaccine Prevention against *Mannhemia heamolytica* and *Pasteurella multocida* (respiratory bacteria). Give from a week of age. Duration of protection approximately 3 months.

Pyramid 5 + Presponse: Subcutaneous injectable vaccine. Prevention against IBR, BRSV, PI-3 and BVD (respiratory viruses) and *Mannhemia heamolytica* (respiratory bacteria). Administer from 2 months of age. Duration of protection 6 months.

Vaccines for the prevention of digestive problems:

Calf-Guard: Oral vaccine. Give at birth. Prevention against rotavirus and coronavirus (enteric virus). Duration of protection 1 month.

First Defense: Antibody supplement. Give at birth. Prevention against Coronavirus (enteric virus) and E.coli (enteric bacteria). 2 months protection

First Defense Tri-shield: Antibody supplement. Give at birth. Prevention against Coronavirus and rotavirus (enteric virus) and E.coli (enteric bacteria). 2 months protection

These are the vaccines that can be given to calves to prevent respiratory and enteric problems. These vaccines are no substitute for **good colostrum management!!** There are other vaccines that can be administered to lactating and dry cows to enrich the colostrum with antibodies against rotavirus and coronavirus (Scourguard 4KC) and against IBR, BRSV, PI-3 and BVD (Triangle 5 or 10, Pyramid 5, Bovishield FP Gold). We will clarify these vaccines in a future newsletter. Do not hesitate to discuss with your veterinarian to establish an effective vaccination in your herd to prevent disease and maintain healthy animals.

Transfert d'embryons

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