BLUEVAC®
Inactivated range of vaccines for control and prevention of Bluetongue virus disease
BLUEVAC®

A tool for prevention
BLUEVAC® is key in the control of Bluetongue virus (serotype 1, 4 and 8) in sheep and cattle. The active immunization obtained is an essential tool to truckle the geographical spread of the disease.

High efficacy
BLUEVAC® prevents the viraemia, indicating no presence of viral genome after vaccination (tested and validated by RT-PCR method).

BLUEVAC® is a range of inactivated monovalent vaccines against bluetongue's virus disease (1, 4, 8 serotypes).

Decreases the prevalence of Bluetongue disease
Vaccination with BLUEVAC® prevents viraemia and transmission to healthy animals, decreasing the prevalence of the disease in endemic areas.

Packaging benefits
With a collapsible plastic bottle, BLUEVAC® has a stronger and lighter packaging, and does not require vented draw-of equipment.
Advanced technology of adjuvants
BLUEVAC® contains Aluminum Hydroxide and Quil A as adjuvants. Quil A is a derivative of a purified saponin that repositions viral antigens and retards them to be captured by immunity cells from vaccinated animals.

Less local reactions
The use of the purified Saponin Quil A and Aluminum Hydroxide as an adjuvant, produces no serious local reactions.

Widely tested
Hundreds of million doses of BLUEVAC® administered in many different european countries, have shown to be a valuable method and the best choice to reduce clinical signs and viraemia in sheep and cattle herds.

Benefits
- Control of the appearance of clinical cases of Bluetongue disease.
- Cost-benefit of one dose vs losses associated with clinical signs, decreased production and decrease of fertility.
- Control of dissemination of disease avoiding trade restrictions in affected areas.
BLUEVAC®-1 Indications: Sheep: For active immunisation of sheep to prevent viraemia caused by serotype 1 bluetongue virus. Establishment of immunity: 21 days after the primary vaccination scheme. Duration of immunity: 1 year after the primary vaccination scheme. Cattle: For active immunisation of cattle to prevent viraemia caused by serotype 1 bluetongue virus. Establishment of immunity: 28 days after the primary vaccination scheme. Duration of immunity: 1 year after the primary vaccination scheme. Composition: Each dose 2 ml of vaccine contains: Inactivated Bluetongue virus, Serotype 1, strain BTV-1/ALG2006/01 E1 ≥ 10^6 CCID_{50}. Dose: Sheep: 2 ml. Cattle: 4 ml. Method of administration: In sheep from 2 months of age born to non-immunized mothers (or from 2.5 months of age in animals born to immunized sheep): 1 dose by subcutaneous injection, independently of weight and age. Revaccination: 1 dose per year. In cattle from 2 months of age born to non-immunized mothers (or from 2.5 months of age in animals born to immunized calves): 2 doses administered with a 3 weeks interval by subcutaneous injection, independently of weight and age. Revaccination: 1 dose per year. Packaging: Vial of 50, 100 and 250 doses. Register number in Spain: 2025 ESP

BLUEVAC®-4 Indications: Sheep: For active immunisation of sheep to prevent the viraemia caused by the serotype 4 of the Bluetongue virus. Onset of immunity: 21 days after completion of the primary vaccination scheme. Duration of immunity: 1 year after completion of the primary vaccination scheme. Cattle: Active immunisation of cattle to prevent the viraemia caused by the serotype 4 of the Bluetongue virus. Onset of immunity: 21 days after completion of the primary vaccination scheme. Duration of immunity: 1 year after completion of the primary vaccination scheme. Composition: Each ml of vaccine contains: Bluetongue virus inactivated, serotype 4, strain BTV-4/SPA-1/2004 10^{6.5} CCID_{50}. Dose: Sheep: 2 ml. Cattle: 4 ml. Method of administration: In sheep from 2 months of age born to non-immunized mothers (or from 2.5 months of age in animals born to immunized sheep): 1 dose of 2 ml administered by subcutaneous injection, independently of weight and age. Revaccination: 1 dose per year. In cattle from 2 months of age born to non-immunized mothers (or from 3 months of age in animals born to immunized calves): 2 doses of 4 ml administered with a 4 weeks interval by subcutaneous injection, independently of weight and age. Revaccination: 1 dose per year. Packaging: Vial of 50, 100 and 250 doses. Register number in Spain: 1704 ESP

BLUEVAC® BT0V Indications: Sheep: For the active immunisation of sheep from 2.5 months of age to prevent viraemia and to reduce clinical signs caused by bluetongue virus serotype 8. Onset of immunity: 20 days after the second dose. Duration of immunity: 1 year after the second dose. Cattle: For the active immunisation of cattle from 2.5 months of age to prevent viraemia caused by bluetongue virus serotype 8. Onset of immunity: 31 days after the second dose. Duration of immunity: 1 year after the second dose. Composition: Each ml of vaccine contains: Bluetongue virus inactivated, serotype 8-10^{6.5} CCID_{50}. Dose: Sheep: 2 ml. Cattle: 4 ml. Method of administration: Subcutaneous use. Shake well before use. Avoid multiple vial broaching. Avoid introduction of contamination. Primary vaccination: Sheep from 2.5 months of age: Administer two doses of 2 ml subcutaneously with a 3 weeks interval. Cattle from 2.5 months of age: Administer two doses of 4 ml subcutaneously with a 3 weeks interval. Revaccination: 1 dose per year. Any revaccination scheme should be agreed by the competent authority or by the responsible veterinarian, taking into account the local epidemiological situation. Packaging: Vial of 52, 100 and 252 doses. Register number in EU: EU/2/11/122/001-003

See the package leaflet for further information.

For more information
www.preventingwithexperts.com

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