

FUTVAC is used to control foot-and-mouth disease in cloven-hoofed animals such as cattle, buffaloes, sheep and goats.

**COMPOSITION:** FUTVAC contains inactivated FMD virus antigens of types 'O' (strain IND R2/75), 'A' (strain IND 40/2000) and 'Asia1' (strain IND 63/72) with potency  $\geq 6.0 \text{ PD}_{50}$ . The viruses are propagated on BHK-21 cell culture, inactivated with aziridine compound before purification and concentration. Mineral oil (ISA Montanide 206 from Seppic, France) is added as an adjuvant and Thimerosal ( $\leq 0.02\% \text{ w/v}$ ) as a preservative.

**DOSAGE & ADMINISTRATION:** 2 ml in cattle and buffaloes; 1 ml in sheep and goats. For deep intramuscular use only. Shake well before use.

**VACCINATION SCHEDULE:**

**For Cattle, Buffaloes, Sheep & Goats:** Primary Vaccination: 4 months of age and above. Booster Dose: 9 months after primary vaccination and

**Re-Vaccination:** Annual

**VACCINATION OF PREGNANT ANIMALS:** FUTVAC can be used in vaccination of pregnant animals. However to be on safer side, the vaccination of the animals in advanced pregnancy may be avoided.

**IMMUNITY:** Immunity is conferred for 9 months. However, half-yearly vaccination is recommended in endemic areas as per the OIE guidelines.

**PRECAUTIONS:** Immunize only healthy animals. Malnutrition, infestation with worms, administration of immunosuppressive agents such as corticosteroids or radiotherapy will interfere with the immune response to vaccine.

**POST-VACCINATION REACTIONS:** Generally, there are no adverse reactions noticed. Occasionally a transient palpable swelling may occur at the site of injection, which will subside in 24-48 hours.

**STORAGE & TRANSPORT:** Store and transport the vaccine between  $+2^{\circ}\text{C}$  and  $+8^{\circ}\text{C}$  until use. **At no stage should the vaccine be allowed to freeze.** Protect from sunlight.

**SHELF LIFE:** 2 years (24 months) from the date of manufacture.

**PRESENTATION:** Multidose vial containing 30 ml - 15 Cattle doses and 100 ml - 50 Cattle doses  
30 ml - 30 Sheep & Goat doses and 100 ml - 100 Sheep & Goat doses.