Brucellosis is an infectious and contagious disease of zoonotic importance caused by gram negative coccobacilli (Brucella abortus, melitensis, ovis, suis and canis). The disease affects cattle, buffalo, pigs, sheep, goats, dogs, elk and occasionally horses. The disease is characterized by abortion, retained placenta and to a lesser extent orchitis and infection of accessory sex glands in males.

Bruvax is a freeze dried vaccine and is used for the prevention of brucellosis (contagious abortion) in cattle. The vaccine contains live brucella abortus strain 19 bacteria.

**DESCRIPTION**
Light yellow flakes containing live Brucella abortus strain 19 bacteria in freeze dried powder. Each dose contains not less than $40 \times 10^9$ organisms.

**RECONSTITUTION**
Chill the diluent prior to reconstitution. Transfer a small amount of chilled diluent to vial containing freeze dried preparation mix well to ensure uniform suspension. Transfer the suspension to diluent vial and mix well.

**DOSAGE**
Serologically negative female calves of age 4 to 8 months only should be vaccinated with 2 ml of reconstituted vaccine.

**ADMINISTRATION**
By subcutaneous route.

**STORAGE & TRANSPORTATION**
The vaccine must be stored and transported between 2 and 8°C.

**SHELF LIFE**
12 months from the date of manufacture, when stored at recommended storage conditions.

**CONTRAINDICATIONS**
Male calves should not be vaccinated. Do not vaccinate pregnant animals.

**PRECAUTIONS**
Keep the reconstituted vaccine on ice.
Use reconstituted vaccine immediately.
Part use of the vial and restoring in deep freezer or refrigerator is not recommended.
Strictly not for human use.
Syringes, needles and gloves should be disinfected/sterilized after use.
Keep the vaccine out of the reach of children.

**ADVERSE REACTIONS**
Generally no adverse reactions are noticed. A slight swelling and mild rise in body temperature, which may appear and disappear quickly. The vaccine may infect human beings, particularly after accidental inoculation. Any necessary treatment should begin without delay. It is advisable to use hand gloves and plain protecting glasses for eyes while carrying out vaccination.

**PRESENTATION**
Bruvax is available in 5 dose pack (freeze dried) along with 10 ml of sterile diluent.