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Indications: In cattle, for the prevention of urinary shedding of *L. borgpetersenii* serovar *hardjo* (type *hardjo-bovis*). Vaccinated animals subsequently exposed to *L. borgpetersenii* serovar *hardjo* (type *hardjo-bovis*) have been shown to clear renal infections within 8 weeks of exposure. For vaccination of healthy, susceptible cattle and swine as an aid in the reduction of leptospirosis caused by *Leptospira canicola*, *L. grippityphosa*, *L. hardjo*, *L. icterohaemorrhagiae*, and *L. pomona*.

Dosage: Using aseptic technique, inject 2 mL subcutaneously or intramuscularly in healthy cattle of any age, or intramuscularly in swine of any age. A second dose is recommended 3 to 6 weeks later. Cattle and swine



TAKE TIME

OBSERVE LABEL
DIRECTIONS

Leptospira Canicola- Grippityphosa- Hardjo- Icterohaemorrhagiae- Pomona Bacterin

Citadel® L5

50 Doses/100 mL

vaccinated at an early age should be revaccinated after weaning. Repeat with a single 2 mL booster dose annually or prior to each breeding.

Precautions: Store out of direct sunlight at 35 - 45°F (2 - 7°C). Avoid freezing. Shake well before using. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Anaphylactoid reactions may occur. Antidote: Epinephrine.

Preservatives: Neomycin and thimerosal.

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