

Tools for the job

Use these vaccine, tag products and pour-on to help prevent the onset and spread of pinkeye.



Piliguard Pinkeye TriView vaccine

(*Moraxella bovis*)

- Cross-reactivity to 103 strains of *M. bovis* bacteria for broad spectrum protection
- Sub-unit vaccine technology reduces cell wall related endotoxin levels versus whole cell vaccines
- Fewer injection site reactions



Double Barrel VP Insecticide Ear Tags (14.0% Pirimiphos methyl/ 6.8% Lambda-cyhalothrin)

- Combination organophosphate and synthetic pyrethroid
- Most effective chemical combination in an ear tag
- Delivers quick control of both horn flies and face flies
- Two tags protect up to five months
- Dual chemistry reduces resistance



Ultra Boss Pour-On (5% Permethrin/5% Piperonyl Butoxide)

- Kills and controls the face flies that spread pinkeye
- Provides fly control for up to 8 weeks with a single application
- Low volume 3 mL/100 lb. dosing for easy application
- Apply along the back and down the face

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Pinkeye Prevention for Replacement Heifers on Grass

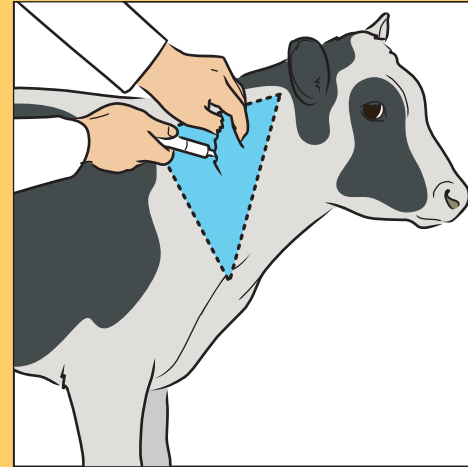
Pinkeye (infectious bovine keratoconjunctivitis) can have a devastating effect on herd health – and your operation's bottom line.

Preventing pinkeye means addressing all the causes – the bacteria that cause pinkeye (*Moraxella bovis* or *M. bovis*) and face flies that cause irritation and spread disease. The following steps will help you:

1. Pinkeye vaccination to stimulate protective antibodies against *M. bovis* in the tears of the eye and reduce the incidence of pinkeye disease.
 2. Fly control products to kill and control face flies and prevent flies from spreading pinkeye throughout the herd.
- Fly control is also crucial in preventing further economic loss caused by horn fly aggravation.
3. Utilize pasture management to limit the eye trauma that can lead to pinkeye infections.

STEP
1

3-6 WEEKS PRIOR TO PINKEYE SEASON



Pinkeye Vaccination

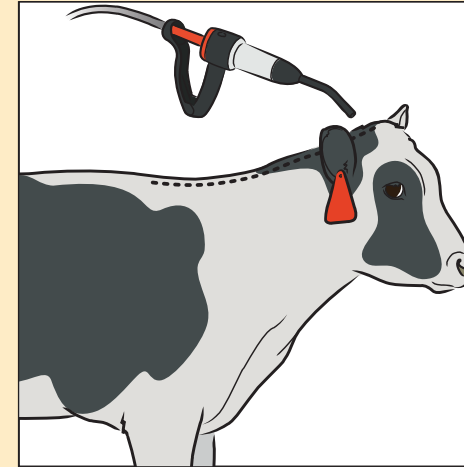
Broad spectrum protection against the bacteria that causes pinkeye

- Remove Piliguard® Pinkeye TriView® vaccine from refrigerated storage
- Shake well and inject 2mL of Piliguard Pinkeye TriView subcutaneously in the neck
- Protective antibodies develop in the tears and bathe the eye
- Cross reacts to 103 different strains of *M. bovis* bacteria



STEP
2

AT THE BEGINNING OF FLY SEASON



Tag and Pour

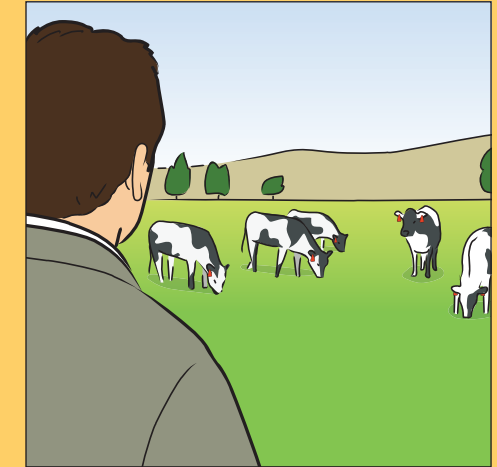
Kills and controls face flies, horn flies and nuisance flies

- Place one Double Barrel® VP tag in each ear of every animal in the herd for up to 5 months of control
- Apply 3 mL/100 lbs. of Ultra Boss® Pour-On along the back and down the face



STEP
3

CONTINUING Check daily or weekly



Monitor and Pour

Kills and controls the face flies that spread pinkeye

- Check fly levels to ensure they stay under 100 flies per side of the animal
- In wet weather or if fly levels visibly rise, re-treat with Ultra Boss Pour-On or use a back rubber – mix 100 mL Ultra Boss/ Gallon of #2 Diesel or Mineral Oil (use face flips). Remember to keep rubbers charged.

