

Summer **Pinkeye** Dread?

Stop the **CONTAGIOUS SPREAD!**

***It's Not
Too Late
To Vaccinate!***



Too many cattlemen have experienced pinkeye's contagious disease spread following antibiotic treatment of infected calves. Outbreaks can occur multiple times in summer months. Pinkeye is simply not yet under control.

There's an easier way...**MAXI/GUARD**[®] Pinkeye Single Dose can be administered to the herd simultaneously with your 1st antibiotic treatment to ensure that you *treat only once*. Immunize with **MAXI/GUARD**[®] when administering antibiotics and stop the contagious spread and need for further treatments.

A 2ml subcutaneous dose of **MAXI/GUARD**[®] provides the highest protection and broadest disease strain coverage available. It shortens the outbreak duration and reduces eye damage. Decreased scarification means reduced blindness and higher profits from market cattle.

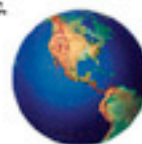
A strong safety record, minimal injection site reactions and ease of syringeability make it a smart choice to control outbreaks.

New Single Dose Protection increases your convenience and lowers disease control costs.

It's the Smart Way to Control Summer Pinkeye Outbreaks.



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Most Common Questions Asked About MAXI/GUARD® Pinkeye

1. How should M/G be administered to provide the best disease control when experiencing a pinkeye outbreak?

Administer a 2 ml subcutaneous dose preferably in the neck area simultaneously with your antibiotic of choice. Administer injections as soon after tearing is observed (early in the disease outbreak) to ensure best results. Administer a 2 ml dose of M/G to all cattle stationed within close proximity to the contagious infected animals.

2. Normally biologics are used weeks to months prior to exposure, so why can MAXI/GUARD® Pinkeye Bacterin be used effectively in the face of an outbreak?

Vaccination in the "face of an outbreak" has merit for pinkeye disease control. Many veterinarians anecdotally report that it is "not too late to vaccinate". Numerous testimonials suggest that you can shorten the duration of disease, shorten the corneal healing interval, reduce the size of the scar and check subsequent spread in the herd if a booster of MAXI/GUARD® vaccine is administered at the time other treatments are rendered. Use along with antibiotics is best. Please log on to the Penn Dutch Cow Care website (www.penn dutch cow care.com) to observe "So we used MAXI/GUARD® in that herd and it stopped the pinkeye dead in its tracks." Moo News, June 2003.

3. Can I get by with 1 dose?

In most seasons you probably can. We recommend giving 1 dose in herds that have not had a bad pinkeye history. Watch them closely; at the onset of any high challenge conditions (heat, dust, flies) if they start to break, go ahead and give a 2nd dose. Give those that break another dose along with an appropriate antibiotic to clear them up. Our bacterin stimulates IgG antibodies in the lacrimal fluids directly proportional to those stimulated in the blood serum. Within a few days, the eyes are bathed with toxin neutralizing antibodies.

4. Can M/G be administered to calves 30 days of age or older before the onset of fly or pinkeye season?

Yes, this is the ideal time to invest in and administer M/G. It's always best to prevent than treat herd disease. Try to immunize your cattle at approximately 30 days of age before the onset of fly season to ensure optimum immunity during the 4-5 month summer season. Earlier immunization provides optimum protection (immunity) before the heavy challenge season is completed.

5. Do flies cause pinkeye?

No, true Pinkeye disease is caused by *Moraxella bovis*. The fly is a common mechanical vector that spreads the disease from animal to animal. Also the tongue of the face fly looks much like a rasp under a microscope. When flies feed off the lacrimal fluids at the eye, they sometimes scratch the cornea. This initial lesion can reduce the eye's defenses to disease and allow the infection to begin.

6. Is MAXI/GUARD® safe for lactating or pregnant cattle?

Yes, with our low, free endotoxin levels, you should experience very little milk reduction. We don't use preservatives. There's no milk withdrawal. Vaccinating during any stage of gestation is fine.

7. Why is backup technical support service important?

Since every addition to your herd represents the possibility of bringing in new pathogenic *M. bovis* bacteria, sometimes technical support is needed. Commercial vaccines may not fully protect against some new field variants. Aberrant coccoid organisms have caused disease in immunized herds sporadically across the country. Good diagnostics are essential to resolution. Addison Labs provides tech. veterinary services and field diagnostic kits for eye culturing, and if necessary can provide highly effective autogenous (herd specific) vaccine services thru the veterinarian of your choice.

8. We need a pinkeye vaccine that is labeled for subcutaneous administration and not thick and difficult to syringe through a needle. How viscous is M/G and can we give it subcutaneously?

M/G Pinkeye vaccine is easily syringeable. Its viscosity is similar to water. M/G is both USDA approved for subcutaneous administration and works best with this route of administration. There is no need to risk carcass sales docking due to IM injection meat blemishes with M/G's subcutaneous label approval.

For further information, please call 800-331-2530.