

Pinkeye Problem? Pinkeye Solution!

MAXI/GUARD[®]

delivers twice the pinkeye
protection with
single dose convenience



Broad coverage

8 different *M. bovis* isolates
Over 90% efficacy

Easy syringeability

Approved for subcutaneous administration


Minimal injection site reactions

Strong safety record

Extremely low endotoxin levels

Single dose protection



Addison Biological Laboratory, Inc.
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MAXI/GUARD® Pinkeye Bacterin



- Broad Coverage - Over 90% Efficacy
- Easy Syringeability
- Minimal Injection Site Reactions
- Strong Safety Record

Most Common Questions Asked About MAXI/GUARD® Pinkeye

How can MAXI/GUARD® Pinkeye bacterin deliver 90+% protection with only 1 dose?

Most of our U.S. cattle harbor *M.bovis* in their respiratory tract. Subsequently, when we administer the 1st dose of our better-developed and broader spectrum *M.bovis* bacterin, we experience an amnesic (memory) response from this initial respiratory exposure.

Why don't you use an oil adjuvant? Aren't the latest oil adjuvants state-of-the-art?

Oil adjuvants are of benefit when required. With efficacy over 90%, we obviously don't need an oil adjuvant. There are several down sides to oil adjuvants, including a higher incidence of injection site reactions, granulomas and abscesses. In addition, biologics that contain oil adjuvants are much tougher to get into and out of a syringe. Less discussed and far less understood is the fact that oil adjuvants may exacerbate the effects of endotoxin. This is especially critical in dairy herds where we must minimize any post-vaccination milk reduction.

What role do flies have in causing pinkeye?

The face 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.

When should I give your vaccine and how long should I expect to receive protection?

Administer at least 30 days before the onset of your normal pinkeye season challenge. This will allow for the time required to deliver a peak immune response. You should receive protection for an entire season and you should booster the following year.

Can I get by with 1 dose?

In most seasons you can. We recommend giving 1 dose in herds that have not had a bad pinkeye history. If they start to break at the onset of any high challenge conditions (heat, dust, flies), give them a 2nd dose at that time. Give those that already have pinkeye another dose along with an appropriate antibiotic.

Are there any benefits in using MAXI/GUARD® Pinkeye Bacterin after cattle are infected with pinkeye?

Vaccination during an outbreak has merit for pinkeye disease control. Many veterinarians anecdotally report that it is "not too late to vaccinate". Reports suggest that you can shorten the duration of the disease, shorten the corneal healing interval, reduce the size of the scar and help prevent subsequent spread in the herd. Our bacterin stimulates IgG antibodies in the lacrimal fluids (tears) directly proportional to those stimulated in the blood serum.

What if I have a Moraxella bovoculi problem?

We have recently launched the world's first commercial Moraxella bovoculi Bacterin for the prevention of pinkeye. This USDA conditionally licensed vaccine is the first of its kind. Previously the only method of prevention against Moraxella bovoculi was autogenous services. The product features 8 specifically different Moraxella bovoculi isolates and an easily syringeable adjuvant. This product license is conditional; efficacy and potency have not been fully demonstrated.

What backup service can I expect from Addison Biological Laboratory?

Our company has over 30 years of intense experience in dealing with bovine pinkeye and we are consistently referred to as the leaders in pinkeye prevention. In the rare instance that a pinkeye break occurs after proper vaccination with our products, please call us at 800-331-2530. We will ask a series of questions to assess the situation and we may send you a pinkeye outbreak kit to assist you in obtaining the best possible sample. After the sample is returned our skilled diagnosticians will soon be able to determine the cause of the break. All diagnostic work in these cases will be performed at no charge. We will then take a team approach to determine if an autogenous bacterin or other treatment options would be the best regimen.

MAXI/GUARD®



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