

33RD ANNUAL CONVENTION

# PROCEEDINGS

American Association of Bovine Practitioners

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Rapid City, South Dakota  
September 21-23, 2000

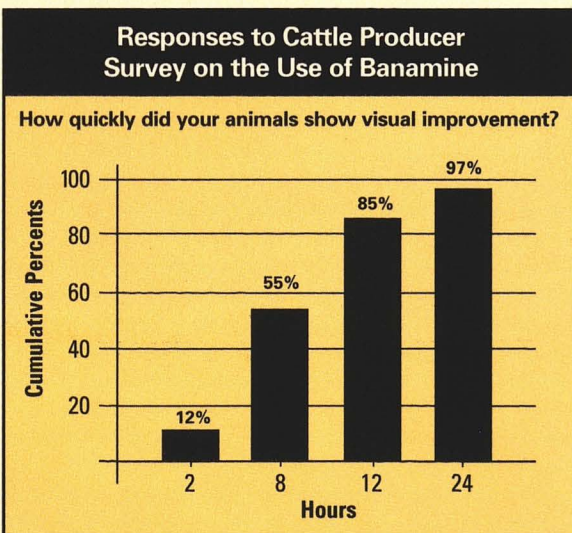
# WHY ANTIBIOTICS ALONE ARE NOT ENOUGH.

The bacteria that cause bovine respiratory disease (BRD) produce toxins – toxins that cause the fever and lung inflammation associated with BRD. And it is those toxins that make cattle feel sick and go off feed.

Broad-spectrum antibiotics control the bacteria that cause BRD, but they don't control the effects of BRD bacterial toxins. Banamine does.

## Jump Start Recovery

Banamine goes to work quickly on the symptoms of BRD. In fact, in a survey<sup>1</sup> of Banamine users, 85% said they saw improvement in treated cattle within 12 hours. By 24 hours after treatment, 97% saw improvement. When their symptoms are controlled, cattle feel better. They eat better. They get well.

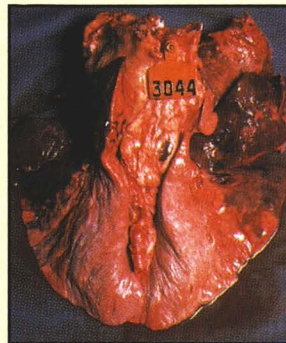


<sup>1</sup> Data on file at Schering-Plough Animal Health.

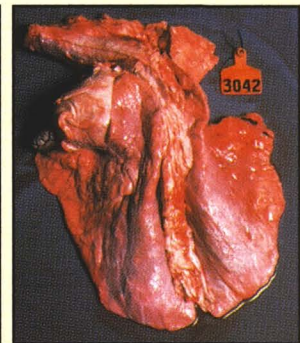
<sup>2</sup> Wittum, T.E. et al. Relationships among treatment for respiratory tract disease, pulmonary lesions evident at slaughter, and rate of weight gain in feedlot cattle. JAVMA, Vol. 209, No. 4, August 15, 1996.

## Restore Performance

While Banamine is working on the visible symptoms of BRD, it is also working on the invisible symptoms: lung inflammation. Cattle treated with antibiotics plus Banamine have a much lower incidence of lung lesions than cattle treated with antibiotics alone.<sup>1</sup>



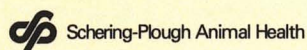
Lungs from calf treated with antibiotics alone.



Lungs from calf treated with antibiotics plus Banamine.

It is easy to understand why cattle without lung lesions perform better. In fact, research shows that cattle with healthy lungs gain as much as .17 pounds per day more than animals with lung lesions.<sup>2</sup> Over a 180-day feeding period, that's more than 30 pounds per animal.

For more information, please contact your Schering-Plough Animal Health sales representative, or call our Technical Services Department at 1-800-211-3573.



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**BANAMINE<sup>®</sup>**  
(flunixin meglumine)

**Jump Start Recovery.  
Restore Performance.**

SPAH-BA-46

See page 5 for product summary.

# PROCEEDINGS

of the

## THIRTY-THIRD ANNUAL CONFERENCE

### AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

September 21-23, 2000

Rapid City, South Dakota



*Photo courtesy of Dr. Bob Smith, Stillwater, OK*

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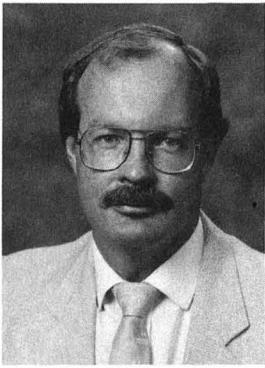
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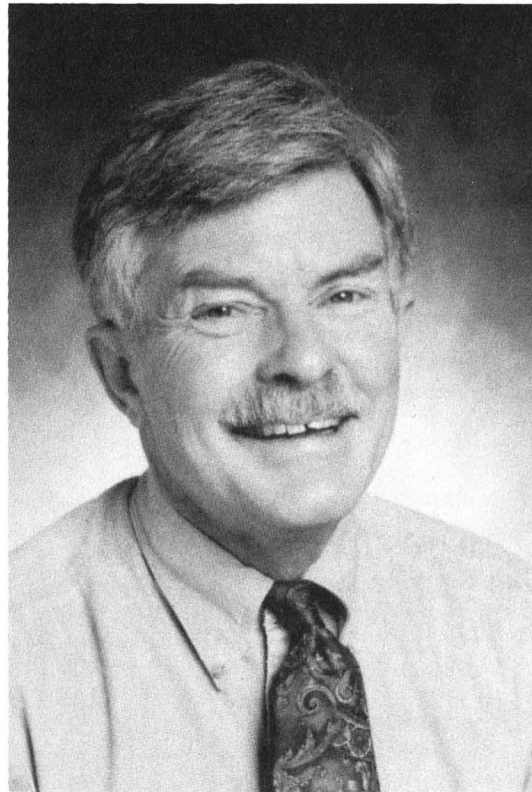
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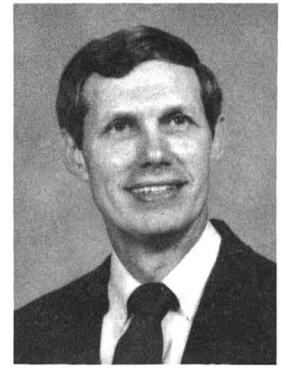
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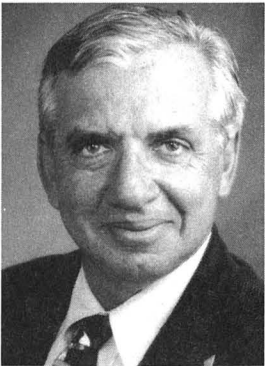
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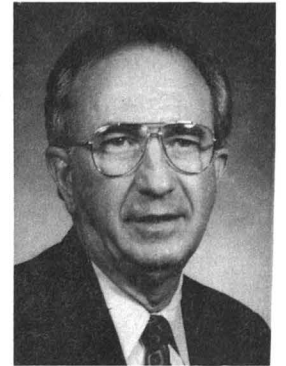
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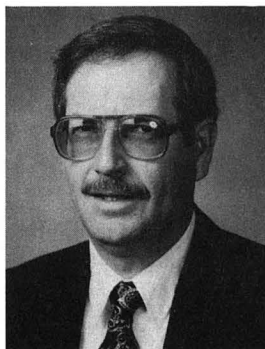


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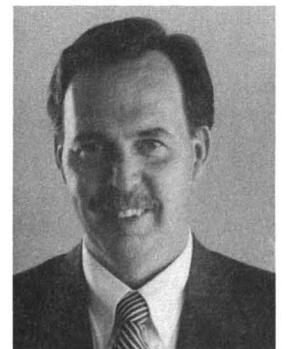
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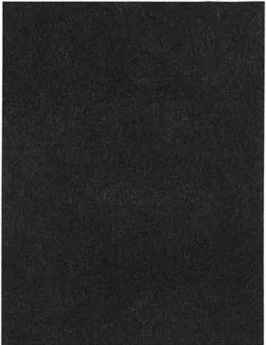
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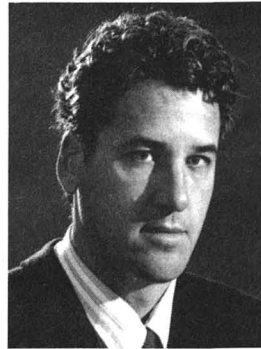
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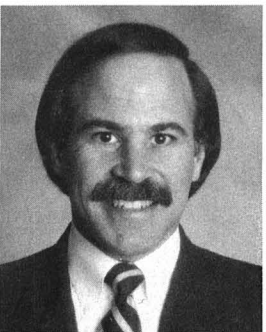
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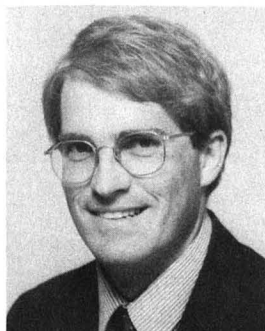
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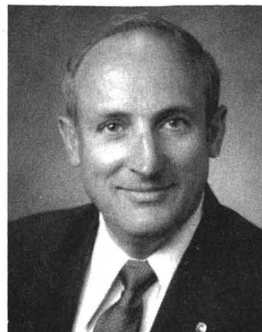
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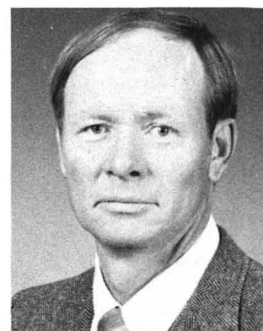
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# Notice what's left at the bottom of a penicillin bottle, even after a good shake?

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THIS  
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## it's a lifetime savings plan.

When you vaccinate your mama cows with ScourGuard 3(K)/C, you keep your newborn calves and your bottom line healthy.

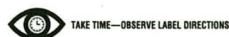
- ◆ At weaning, calves that had scours in their first month of life ended up weighing 17.2 pounds less compared to non-scouring calves<sup>1</sup>
- ◆ ScourGuard 3(K)/C is the only scours vaccine that has helped ensure lifetime returns from your cattle for more than 10 years
- ◆ Helps prevent rotavirus, coronavirus, *E. coli* and *Clostridium perfringens* type C

To learn more about how ScourGuard 3(K)/C contributes to the lifetime returns of your cattle, contact your veterinarian or animal health supplier.



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1. Cornaglia EM, et al.: Reduction in morbidity due to diarrhea in nursing beef calves by use of an inactivated oil-adjuvanted rotavirus-Escherichia coli vaccine in the dam. *Veterinary Microbiology*, 30:191-201, 1992.





## **Repeating the Same Step Again and Again is for Line Dancing Not BRD Treatment.**

Pull the sick cattle. Treat the sick cattle. Pull the sick cattle. Treat the sick cattle. It's a two-step that gets old, and expensive, pretty fast. That's why you should use Baytril® 100 (enrofloxacin) Injectable as your first line treatment for bovine respiratory disease. While most antibiotics only inhibit pneumonia causing bacteria, Baytril 100 actually kills them. This leads to fast response and quick recovery after treatment. You save time, money, labor and reduce stress. So make

Baytril 100 your partner against BRD and stop doing the same second and third line dance. Animals intended for food must not be slaughtered within 28 days from the last treatment. For more information, contact your veterinarian.



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**Baytril® 100**  
(enrofloxacin)  
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