

# NINE OUT OF TEN DAIRY COWS CARRY WORMS THAT AFFECT MILK PRODUCTION<sup>1</sup>

The NEW Ancare Scientific BSURE™ MILK TEST takes the guess work out of getting maximum productivity from your dairy herd.

## WHAT IS THE BSURE™ MILK TEST?

Ancare Scientific's new BSURE™ MILK TEST measures the level of parasite antibodies,

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By completing this survey you will help us gather more knowledge to further our understanding of parasite management in dairy cattle.

When you complete the survey you will receive a voucher for \$50 off your next purchase of EPRINEX 5L or \$100 off your next purchase of EPRINEX 20L.  
This voucher will be included with your results.

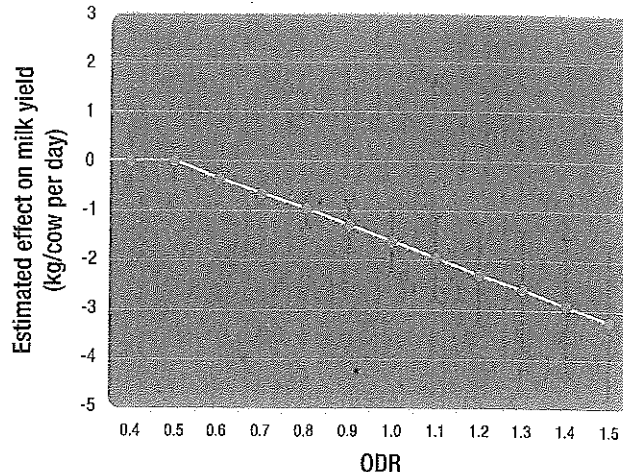
The information gathered in this survey will be used for further parasite management research and development purposes. This information will not be made available to any party outside Ancare Scientific or Merial Ancare.

**BSURE™**  
MILK TEST

Ancare Scientific's new BSURE™ MILK TEST measures the level of parasite antibodies, which gives an accurate indication of the parasite burden in your milking herd and indicates how this could impact productivity. The higher the level, the greater the impact from worms infecting your cows AND the higher the energy and protein levels being diverted away from producing milk (83-100% of adult dairy cows have been found to be infected with worms<sup>1,2</sup>.) By the time dairy cows show visual signs of worms there are already significant losses occurring. Egg counts are nearly always low or negative in adult cattle as their immune system is preventing worm egg production. But this immune response costs energy, protein and in turn milk production – impacting on your profitability. By measuring antibodies to worms in bulk milk with the BSURE™ MILK TEST, you will get a clear indication of the level of worms infecting your herd. From this you can estimate the impact they're having on milk output and your bottom line. This chart summarises results that have been seen in trials with benefits greater than 2L per cow per day when EPRINEX® is administered to herds identified by the BSURE™ MILK TEST.

Based on the level of antibodies identified in the milk sample, the BSURE™ MILK TEST will determine whether your herd is facing a high, moderate or low level of parasite challenge. The results will confirm if your current drench programme is effective or highlight the need for selective treatment of underperforming cows or the whole milking herd. Finally there is a simple and reliable tool to take the guess work out of parasite control in your milking herd, exposing the myth "that adult dairy cows don't have worms".

1. Agneessens J et al Vet Parasitol 90, 83-92, 2009. 2. Borgsteede FH et al Vet Parasitol 89, 287-296, 2000. EPRINEX is a registered trademark of Merial Limited. © Copyright 2008. Registered Pursuant to the ACVM Act 1997 no. A7191. See www.nzisa.govt.nz/acvm/ for registration conditions.



Source: Sanchez J. et al Vet Parasitol. 107, 2002, Charlier J. et al Preventive Vet Med. 68, 2005, Charlier J. et al Vet Parasitol. 129, 2005, Charlier J. et al Vet Parasitol. 143, 2007.

# BSURE™ MILK TEST FARMER QUESTIONNAIRE

## DAIRY NUMBER

I would like to receive further information on Merial Ancare products

Test Date \_\_\_\_\_

Farm Name \_\_\_\_\_

Owner/Manager Name \_\_\_\_\_

Address \_\_\_\_\_

Contact Telephone Number \_\_\_\_\_

Veterinarian name and clinic \_\_\_\_\_



Herd Size \_\_\_\_\_

Effective Farm Area of Milking Platform \_\_\_\_\_

Average Cow Production (kgMS) last season \_\_\_\_\_

## FACTORS THAT MAY EFFECT WORM CHALLENGE

### SUPPLEMENTARY FEED:

What percentage of milking cows ration is supplementary between calving and mating? \_\_\_\_\_ %

### CALVING DATE:

Spring cows planned start of calving date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

At time of sampling, what percentage of the cows contributing to Bulk Milk tank calved in the Autumn of 2008? \_\_\_\_\_ %

### OTHER STOCK: (tick appropriate)

Are calves grazed on the property? Yes  No

Are heifers (18 month) grazed on the property? Yes  No

### ANTHELMINTIC TREATMENTS:

What date were the heifers last treated and which anthelmintic (drench) was used?

Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Product \_\_\_\_\_

Have all or part of the milking herd been treated with an anthelmintic since dry off? Yes  No

If yes please indicate date/s and product/s used:

Whole Herd  
Date/s \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Product/s \_\_\_\_\_

Partial Herd  
Date/s \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Product/s \_\_\_\_\_

For part herd:  
What percentage was treated? \_\_\_\_\_ %

What criteria motivated you to treat only part of the herd? (Please tick appropriate boxes)

- Age
- BCS/Weight
- The cows I treated looked wormy
- Other \_\_\_\_\_

Was the herd treated at dry off or before last Autumn?

Whole Herd  
Date/s \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Product/s \_\_\_\_\_

Partial Herd  
Date/s \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Product/s \_\_\_\_\_

Are dry cows grazed on farm? Yes  No

Are dry cows fed on crop? Yes  No

Are dry cows grazed on feedpads? Yes  No

Length of Dry Period \_\_\_\_\_

Chief motivator to treat milking cows (choose only one box)

- To increase Milk Production
- To increase Reproductive Performance
- Poor BCS
- Other \_\_\_\_\_



# PERMISSION FOR ANCARE SCIENTIFIC TO RECEIVE A BULK MILK TANK SAMPLE FOR THE BSURE™ TEST.

I give permission for my milk company to send a bulk milk tank sample to Ancare Scientific to test for Worm Antibodies.

\*

**DAIRY NUMBER:** \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Veterinary Practitioner: \_\_\_\_\_ Veterinary Practice: \_\_\_\_\_



Signed \_\_\_\_\_

Date \_\_\_\_\_

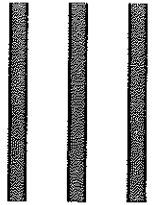
All results will only be forwarded to you via your veterinarian and will be kept strictly confidential by Ancare Scientific and Merial Ancare.

## FAX THIS FORM TO:

Fonterra Suppliers	07 850 9829
Tatua Suppliers	07 889 6492
Westland Milk Product Suppliers	03 755 8208
Synlait Product Suppliers	03 373 3001

Please ensure removal of glue from the back of this form before placing into fax machine

**BSURE™**  
**MILK TEST**



**BSURE™ Milk Test**  
**PO Box 76-211**  
**Manukau City 2241**

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## **Protocol for Sample Collection for Bulk Milk Tank BSURE™ MILK TEST.**

- 1. Complete Fax Form and fax milk company.**
- 2. Complete Survey and return Free Post.**
- 3. Results will be returned to your designated veterinary practice within ten working days.**
- 4. Your veterinarian will subsequently contact you with a recommendation.**