



Introducing DAIRY **ANTIBIOGRAM**

DairyAntibiogram provides essential information to ensure the sustainability of using antibiotics on your farm.

What is DAIRY **ANTIBIOGRAM?**

DairyAntibiogram is a new test that is performed on bulk milk tank samples which detects and monitors antibiotic resistance in mastitis bacteria* on your farm.

Why DAIRY **ANTIBIOGRAM?**

Antibiotic resistance is a serious animal AND human health problem. It occurs when bacteria are exposed to repeated antibiotic treatments and become harder to kill/control. The end result is a situation where we are powerless to treat infections which were once very responsive to antibiotics.

Antibiotics are a valuable tool in the dairy industry, and when used responsibly, they are vital for the maintenance of good animal health and welfare. Bacterial resistance to these valuable treatments is a threat to the viability of dairy farming, and is perceived as a threat to human health. Dairy markets are conscious of the development of antibiotic resistance, and are nervous about the impacts on consumers.

Who is responsible for preventing antibiotic resistance?

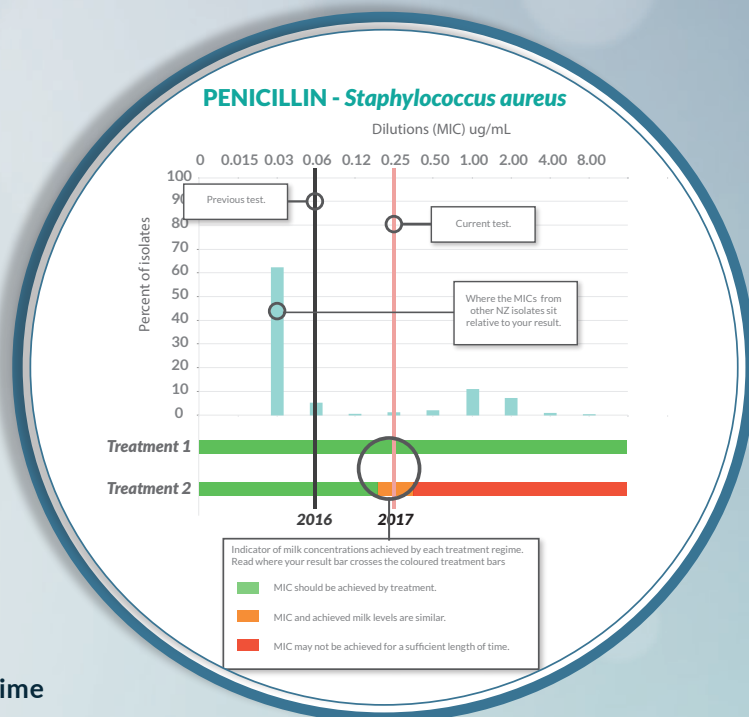
Everyone who is involved in the use of antibiotics. In the dairy industry this includes FARMERS, FARM WORKERS, VETERINARIANS, and PHARMACEUTICAL COMPANIES.

Knowledge of the resistance status in your herd is the key to choosing the right treatments for your cows, and for monitoring and preventing the development and spread of resistance.

The value of DAIRYANTIBIOGRAM to YOUR farm:

A DairyAntibiogram will give you valuable information which, with the direction from your vet, will help you:

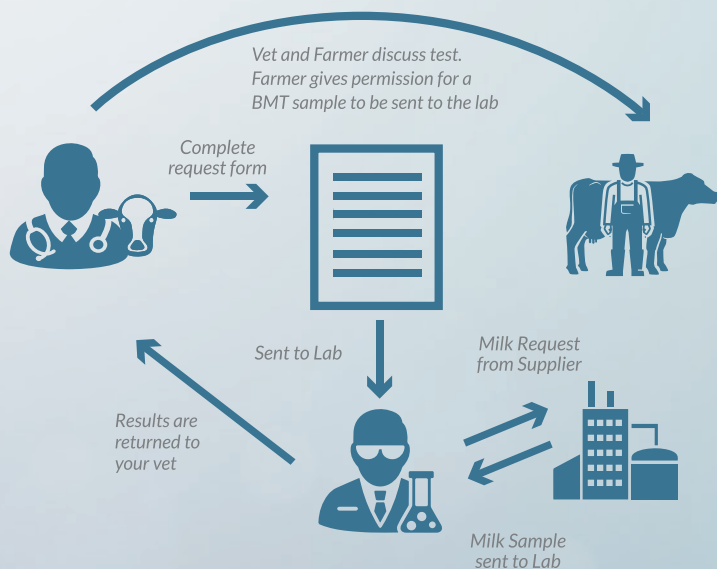
1. Plan to use effective mastitis treatments
2. Avoid using expensive broad spectrum treatments when other cheaper options are shown to be effective
3. Know your resistance status and how this ranks compared to other farms in the country
4. Develop biosecurity plans to protect a "good" resistance status
5. Identify threats to your herd which can be investigated further and managed or removed
6. Monitor if your resistance status is changing over time
7. Help your dairy industry demonstrate that it is using antibiotics responsibly



How do I get DAIRYANTIBIOGRAM working on my farm?

SIMPLE!

All that is required is to have a discussion with your veterinarian. Your vet will then send in a request form to the DairyAntibiogram laboratory, which will organise to obtain milk samples from your milk processor. The results will be returned to your vet who will interpret them for you and discuss how they can be used to optimise your mastitis management.



How often should I get a DAIRYANTIBIOGRAM?

Ideally there should be 2 tests per season. One in early lactation and one in late lactation. Both tests can be requested on the same form.

What do I do now?

1. Contact your vet to discuss implementing DairyAntibiogram data into your mastitis management plan
2. Ask your vet to request your DairyAntibiogram tests
3. Use the results to get informed about the resistance situation on your farm
4. Use this knowledge to start making some decisions which ensure that your mastitis treatments are effective, economical, and sustainable