

Tried and Trusted
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SI-LAC

Silage Inoculant

**Fresh Growing Bacteria
for your Silage**



Innovators in Agricultural Technology

**Tried and Trusted,
Australian developed and
made Silage Inoculant
delivers fresh growing,
bacteria to your silage**

SI-LAC

Silage Inoculant

Si-Lac Benefits

- Contains two bacteria: Lactobacillus plantarum and E. faecium for fast action
 - Reduces temperature to stable in 48 hours
 - pH of 4 in 48 – 72 hours
- Provides:
 - More digestible protein
 - Greater dry matter yield
 - Greater energy yields
- Increases in strength once mixed
- Vacuum sealed packs maximize viability of bacteria
- Does not require continuous refrigeration - store at 20 - 24°C
- Long tank mix life: 5 days
- Will not foul tanks and nozzles - can pass 50 mesh screens
- Suitable for use with all crops

Two fast acting bacteria

Si-Lac contains Australian strains of L. plantarum and E. faecium to ensure that they perform exceptionally well under our harsh Australian conditions. Locally developed and manufactured, Si-Lac is packed in vacuum sealed packs that ensure maximum viability. E. faecium has the added benefit that it also consumes oxygen during the early stages of ensilation, converting it to hydrogen peroxide further eliminating or inhibiting aerobic bacteria.(1)

Fast Action gives better silage

When used as directed, Si-Lac delivers fresh growing bacteria to your silage, reducing the lag period and providing more rapid pH drop than freeze dried inoculants applied dormant (2). So silage ferments faster, resulting in greater energy yields, more digestible protein, and greater dry matter yield.

Long lasting

Once mixed, Si-Lac actively grows in the tank, and will live for 5 – 14 days depending on the temperature due to the unique innovative formulation that includes food for the bacteria. Use Si-Lac day after day – just top up the tank. And at the end, don't waste any leftover mix – simply store it below 4 degrees C until next time you need it. Compare this with other inoculants that only have a 24 hour tank life.

Easy to use, no hassles

Si-Lac is designed to pass through 50 mesh screens, so doesn't foul tanks, or block screens and nozzles. Plus it contains a red dye to let you easily see that there is product remaining in your tank.

Suits all crops and uses

Si-Lac is suitable for use on all crops including canola, cereals, legumes, maize, forage sorghums and all pastures. No need to change products for different crops. And it works with pit, bunker or wrapped bale silage.

How to use

Simply add the contents of the vacuum sealed sachet to the applicator tank 12-24 hours before starting the job. If less preferably use water up to 40 degrees C. This starts the fresh culture growing. Then simply apply to the silage using a fine application nozzle in the accelerator of the machine ensuring best coverage. Apply as a ULV spray if you wish.

Packs

Treat 50T 450g sachet (10 per shipper)

Treat 250 T 2.25 Kg sachet (4 per shipper)

Applicators

Grevillia Ag can supply an Australian designed and made "Air-Tech" ULV applicator especially designed for use on silage choppers and balers.

Experience Counts

Our team has people with 28 years experience in the silage industry. If you want the best advice and innovative Australian technology you can't go past Grevillia Ag.

1. Reichelt J L 2008

2. Muck 2003; Merry et Al 1995