



# SILAGE INNOCULANT

Soluble powder containing *Lactobacillus plantarum*, *Enterococcus faecium* and *Pediococcus acidilactici*.

---

## Mix with water and ready to use

**Silage Inoculant** is a soluble powder that is mixed with water and sprayed on to forage before ensiling. The microbial inoculant accelerates the ensiling process resulting in a more palatable and digestible fodder with greater nutritional feed value to stock.

**Silage Inoculant** accelerates the fall in pH and fermentation process at the same time reducing the heating period, which saves available energy and nutrients in the finished silage.

### Mode of Action

- Stage 1: *Enterococcus faecium* initiates the silage fermentation process by producing lactic acid over wide temperature range (10°C to 40°C)
- Stage 2: *Pediococcus acidilactici* also assists in the silage fermentation process in producing lactic acid at low moisture contents and higher temperature range (25° C to 50°C)
- Stage 3: *Lactobacillus plantarum* produces lactic acid over a wide range of moisture and at cooler temperatures from 10°C to 30°C.

## IMPROVED MILK PRODUCTION

## IMPROVED MEAT PRODUCTION

# SILAGE INNOCULANT

- More palatable
- Better digestibility
- Improves feed quality
- Improves silage in adverse conditions

EFFECT ON HIGH MOISTURE CORN Michigan State University		
(60 day Results)	Control	Treated
pH	5.45	4.34
Dry Matter %	72.5	75.7
Dry Matter Recovery %	88.8	96.2
Lactic Acid	4.23	6.93

EFFECT ON MILK PRODUCTION LUCERNE SILAGE University of Wisconsin		
	Control	Treated
Dry Matter Intake	19.9	21.1
Milk – Kgs / cow/ day	26.68	27.5

**MIXING RATE;** One 100 gram pack treats 100 tons of forage and delivers 100,000 colony Forming units (cfu) per gram of forage.

**APPLICATION RATE:** Mix one 100 gram pack of **Silage Inoculant** into 100 to 200 litres of clean water and apply evenly over 100 tons of fodder prior to ensiling. Apply through calibrated spray equipment fitted at the final point of entry to a forage harvester or baler. Water rates may be changed to suit the equipment. Ensure good ensilage condition.

**STORAGE:** The product is stable in the field during application. Keep cool. For long term storage keep in a cool place preferably at 10°C or less. Do not freeze.

FOR FURTHER INFORMATION CONTACT

**AgriSolutions Pty Ltd**

**P O Box 81, Darnum Vic 3822**

**Phone/Fax: 03 5627 8663**

**info@agriculturalsolutions.com.au**

**www.agriculturalsolutions.com.au**

A.B.N. 72 081 445 141