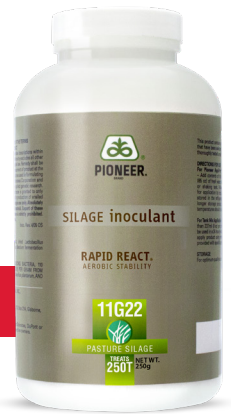




PIONEER® BRAND
INOCULANTS

11G22RR



TECHNICAL FACT SHEET

11G22 Rapid React® is a grass/lucerne/cereal silage inoculant with next-generation *L. buchneri* designed to reduce heating and improve silage quality.

- Contains a unique blend of patented strains of *Lactobacillus plantarum* and *Lactobacillus buchneri* to improve silage quality and provide desirable VFA profile for decreased fermentation loss and enhanced aerobic stability
- Remains cooler for longer when exposed to air and in turn has less aerobic drymatter losses compared to a control group*
- Rapid React aerobic stability technology provides less heating and stable feed in 7 days*

Pioneer® brand 11G22RR Inoculant was tested at the Pioneer Livestock Nutrition Centre, Iowa. The trial compared untreated grass silage and grass silage inoculated with 11G22RR. The results were analysed for dry matter recovery, aerobic stability and nutrient composition.

AVAILABLE
IN:



250T

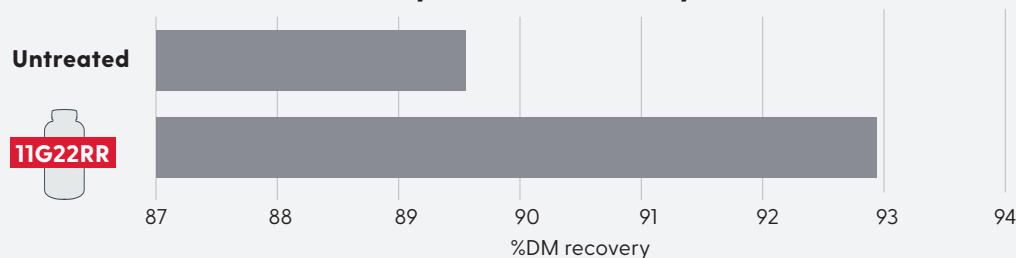


50T

IMPROVED DRYMATTER RECOVERY

Trials showed an improved drymatter recovery of 3.3% which means there is more feed available to be fed when inoculated with 11G22RR.

Inoculant influence on drymatter recovery



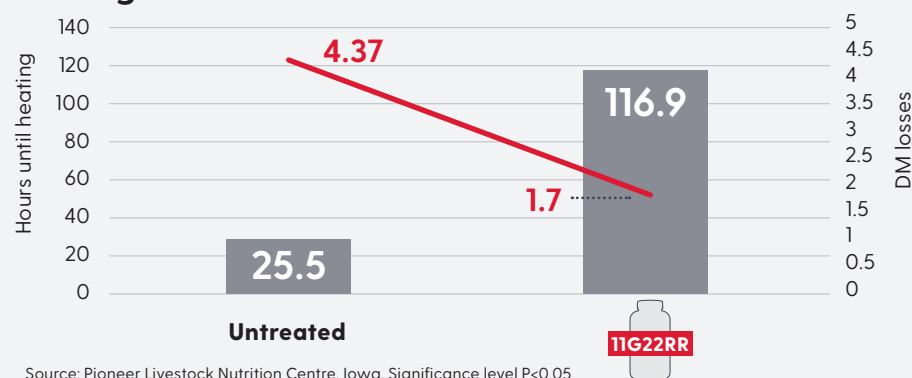
3.3%
more
drymatter

Source: Pioneer Livestock Nutrition Centre, Iowa. Significance level $P < 0.05$

IMPROVED AEROBIC STABILITY AND REDUCED AEROBIC LOSSES

When compared to the untreated control, the silage treated with 11G22RR took 90.7 hours longer to heat and had a DM loss which was 3.3% lower.

Heating and Aerobic DM losses



+90.7
hours before
heating

3.3%
less DM loss

■ DM loss %
■ Stability hours

Source: Pioneer Livestock Nutrition Centre, Iowa. Significance level $P < 0.05$

*Disclosure: Improved aerobic stability and reduced heating is relative to untreated silage. Actual results may vary. The effect of any silage inoculant is dependent upon management at harvest, storage and feedout. Factors such as moisture, maturity, chop length and compaction will determine inoculant efficacy.