

TECHNICAL FACT SHEET

Pioneer® brand 11C33 Rapid React is a maize silage inoculant with next-generation *L. buchneri* designed to reduce heating and improve silage quality.

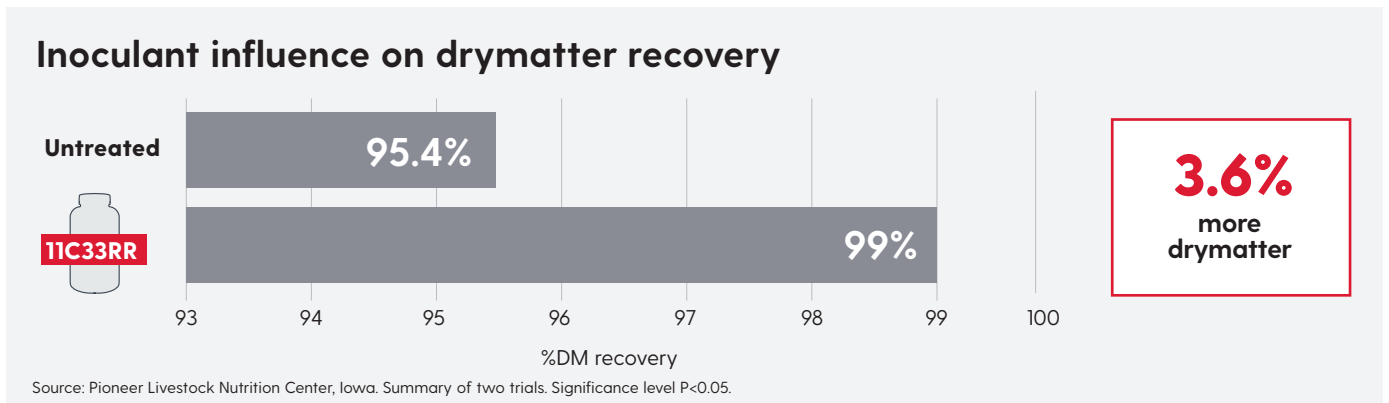
- Enhanced fermentation in whole-plant maize silage, delivering an improved fermentation acid profile which helps to enhance aerobic drymatter recovery and preservation
- Pioneer® brand 11C33RR contains a unique blend of patented strains of *Lactobacillus buchneri* and *Lactobacillus plantarum* formulated to minimize drymatter losses
- Rapid React aerobic stability technology provides less heating and stable feed in 7 days*

AVAILABLE IN:



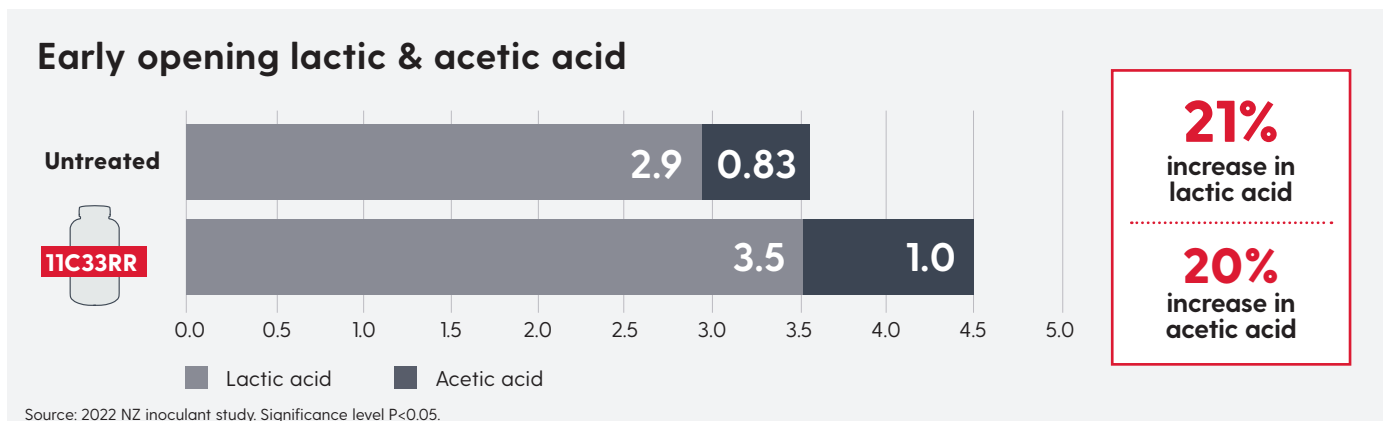
IMPROVED DRYMATTER RECOVERY

Trials showed an improved drymatter recovery of 3.6% which means there is more feed available to be fed when inoculated with 11C33RR.



IMPROVED ACID PROFILES

A New Zealand trial conducted in 2022 looked at the difference between 11C33RR and an untreated control after only 9-11 days since ensiling. The increased lactic and acetic acid confirmed the advantage of the *Lactobacillus plantarum* and *Lactobacillus buchneri* strains present in 11C33RR.

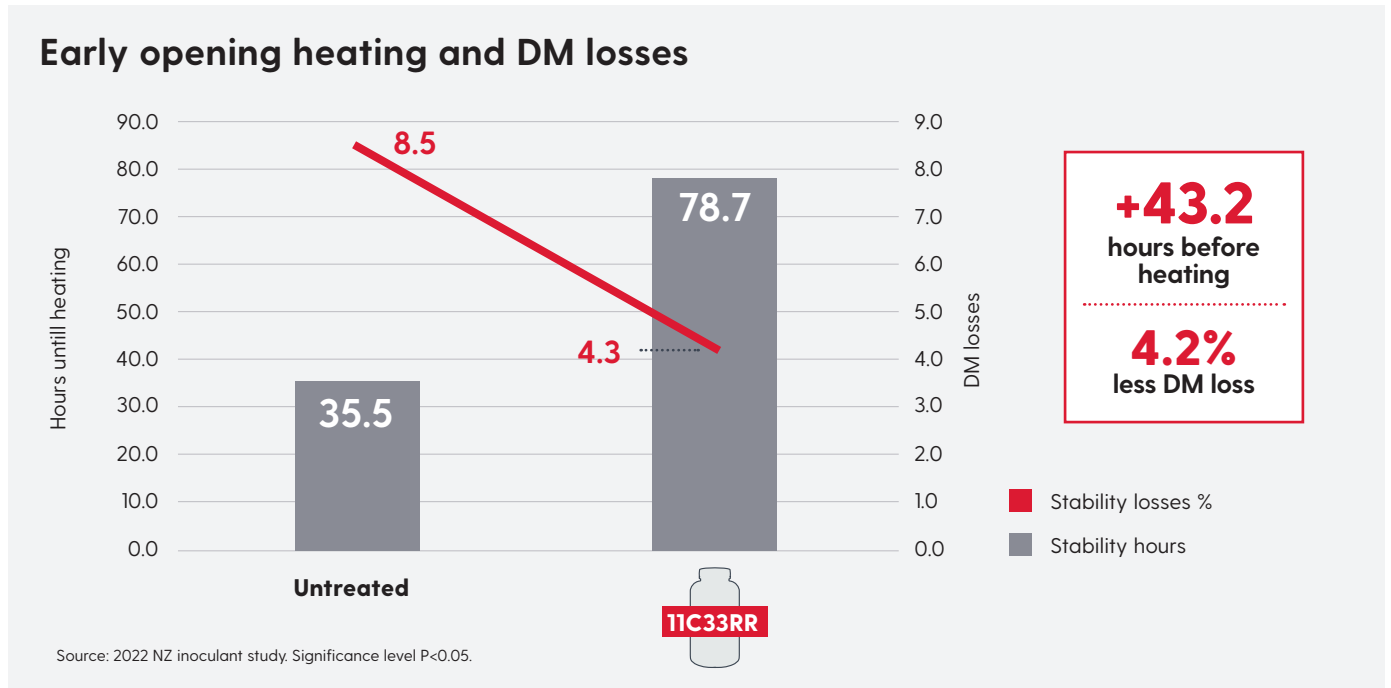


*Improved aerobic stability and reduced heating is relative to untreated silage. Actual results may vary. The effect of any silage inoculant is dependent upon management at harvest, storage and feedout. Factors such as moisture, maturity, chop length and compaction will determine inoculant efficacy.

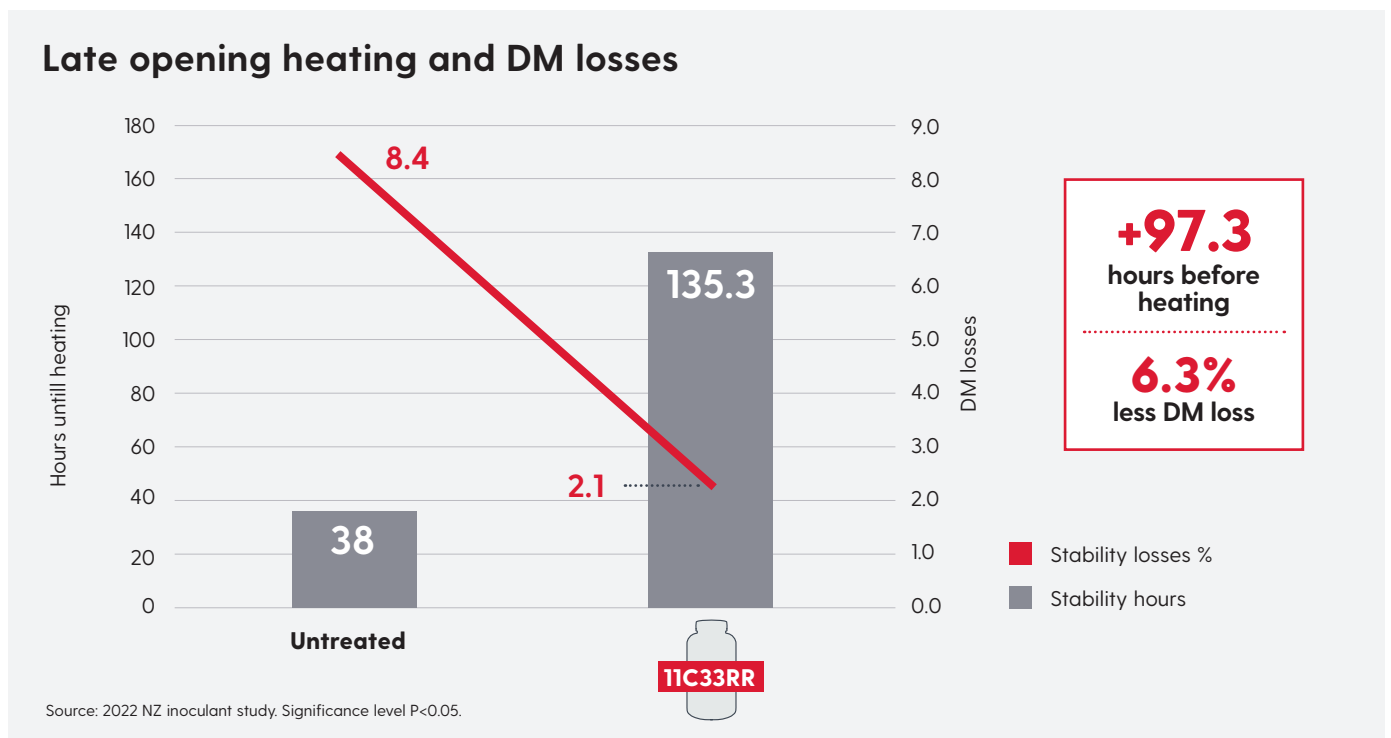
IMPROVED AEROBIC STABILITY AND REDUCED AEROBIC LOSSES

The same trial in NZ looked at the time taken to heat and DM losses at two different opening times compared to an untreated control. The early opening (day 9-11) and the late opening (day 60) both showed an advantage to 11C33RR.

The early opening showed +43.2 hours before heating and 4.2% less DM loss.



The late opening showed +97.3 hours before heating and 6.3% less DM loss.



See more at pioneer.co.nz/inoculants