



PIONEER
BRAND • SEEDS

Inoculant – Technical fact sheet

Maize silage inoculant with Nutrivail® Feed Technology

11CFT



Pioneer® brand 11CFT is a revolutionary, maize silage inoculant designed to:

- Improve fermentation and keep pit face cooler for longer
- Improve fibre digestibility and dry matter intake
- Facilitate higher maize silage ration inclusion rates

11CFT contains a novel strain of *Lactobacillus buchneri* which:

- Produces specific fibre digesting enzymes as it replicates in silage

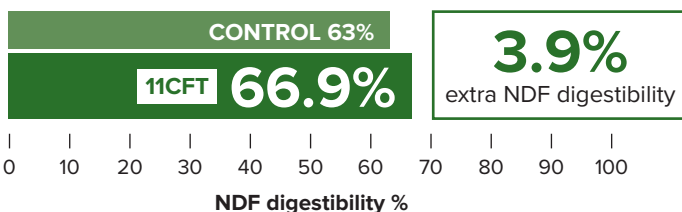
In addition to fibre-digesting enzyme production, 11CFT also:

- Stimulates “front-end” fermentation efficiency by rapidly dropping silage pH helping to retain valuable nutrients (sugar, starch)
- Improves stability and bunklife from the production of unique silage volatile fatty acid profiles that inhibit yeast and aerobic bacterial populations

Animal research shows 11CFT is effective in:

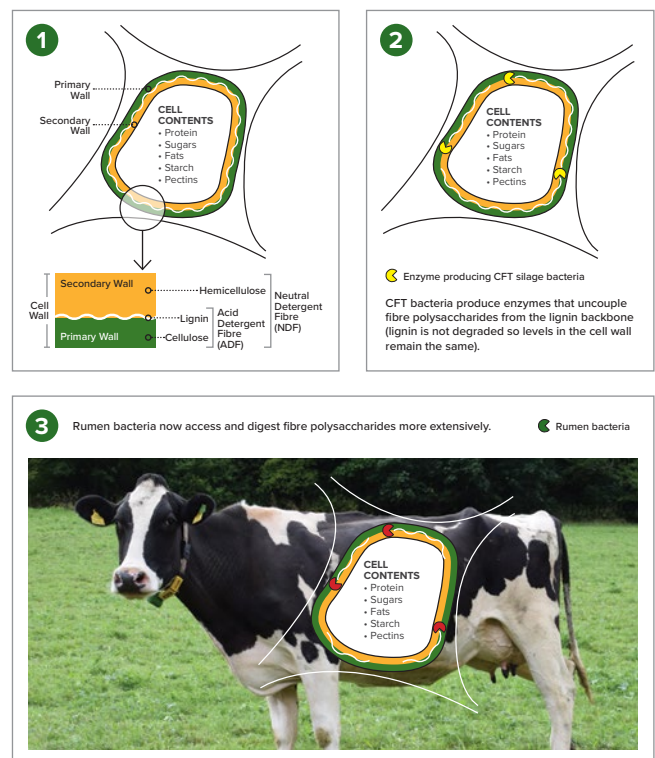
- Improving NDF digestibility
- Improving feed intake
- Improving animal performance

Improved NDF digestibility with 11CFT



How does CFT work?

Proprietary, novel *Lactobacillus buchneri* bacteria produce enzymes (ferulate and acetyl esterases) which modify cell wall fibre (decoupling it from lignin) in the storage structure allowing more extensive fibre digestion when the silage is degraded by rumen bacteria.



Pioneer® brand seeds are produced and distributed in Australia by **GenTech Seeds**, a **Yates Family Business**