

Unlock serious money (& lower emissions!)

New FARMAX analysis confirms investing in top seed genetics can give a huge return in the South Island, after accounting for seed, fertiliser and other costs.

Farmax model

In 2025, an 8,000 farm study by Fonterra, LIC and DairyNZ showed HOME GROWN FEED lifts profits and cuts emissions intensity. We asked: *How can our cultivars help deliver this?*

We modelled these ryegrass pastures sown on a 'typical dairy farm', using McFarlane Rural Business farm data.

- **Governor AR37** – great when released in 2018
- **Array NEA2** – high yield, easier to eat, and extra N uptake
- **Array/4front mix** – combining a high performing tetraploid with Array

The model calculated the value of these cultivars to the farm.

Governor
\$6841/ha profit

Array
\$7425/ha profit

Difference to Governor
+56 kg MS/ha
emissions -2.0%

Sweet spot

The best scenario was to keep the same cow number and calving date; then use the extra yield of top cultivars to reduce imported supplement, and extra ME to produce more milk.

Array/4front mix
\$7678/ha profit

Difference to Array
+16 kgMS
-0.2 t supplement
emissions -0.9%

Take home truths

- **Top cultivars:** 2 c/kg DM to grow
- **Imported feed:** 45+ c/kg DM
- **Nitrogen-boosted feed:** about 30 c/kg DM



For more detail, visit
Barenbrug.co.nz to learn more.

 **BARENBRUG**

UNBEATEN
in NFVTs

 **BARENBRUG**

4front perennial ryegrass



SEEDS

25kg
NET when soaked

The perfect pair for productive, profitable pastures.

4front

Perennial Ryegrass

The benchmark in tetraploid perennials. It grows longer, is good for the environment, and animals love it.

Array

Perennial Ryegrass

The superstar perennial, delivering high intake, yield, N uptake, and persistence. The diploid of the future!

For more detail, visit Barenbrug.co.nz/all-products/products to learn more.

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