

# Maxsyn Perennial Ryegrass

## Pasture Grasses

Endophyte

NEA12, NEA4, LE

Stock Type

Dairy, Sheep, Beef, Deer

*Maxsyn* is the next-gen perennial for all farm systems, our 'go-to' grass. Now supercharged with *NEA12* endophyte for even stronger persistence and summer growth.

## Persistence +

*Maxsyn* with *NEA4* endophyte had our top persistence rating. With *NEA12* it's better again. That's what you get when top endophytes meet strong summer growth and tillering, plus plenty of daughter tillers in spring to thicken pasture.

## Shines in summer

Warm season growth is *Maxsyn*'s super-power. If you've ever run short of feed in summer, you know how valuable this is. Visually you can see the difference - *Maxsyn* stays green longer when the heat is on. *Maxsyn NEA12* takes this up a notch, with over 5% more summer yield than *NEA4*.



*Maxsyn* paddock, standing out in North Waikato in January.



*Maxsyn*, centre, still green in Taranaki in February.

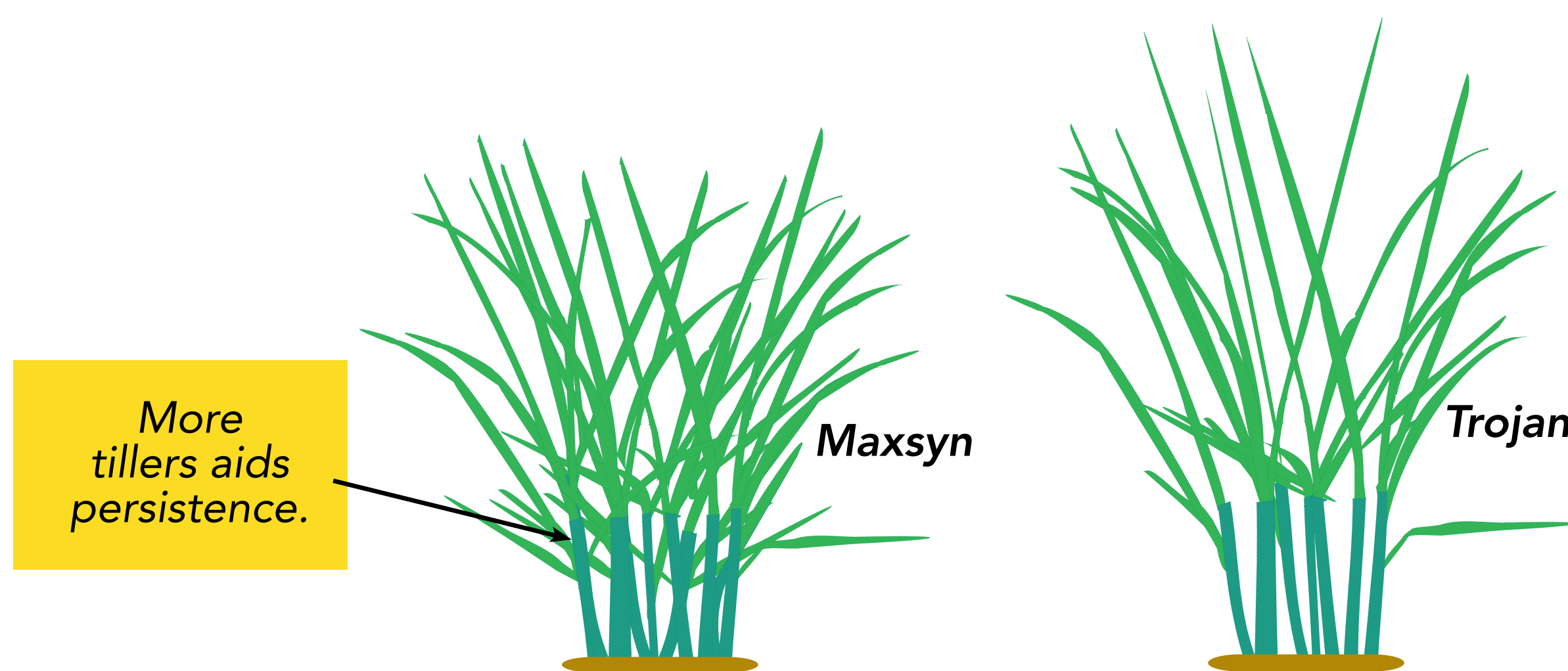
## Greater yield

*Maxsyn* and *NEA4* endophyte make a great couple. The partnership with *NEA12* is even happier, and gives an extra 4% total yield to *Maxsyn* over *NEA4*.



## Densely tillered

The more tillers a pasture has, the more robust and persistent it is. *Maxsyn* is denser than *Trojan* ryegrass.



## Proven

*Maxsyn* excelled in our breeding programme, particularly on tough sites and on difficult soils. *Maxsyn*'s persistence advantage is partly due to its strong summer growth and tillering.

But its persistence advantage starts in spring, as it is easier to graze. This encourages new daughter tillers, thickens your pasture, and helps prepare it for summer.

## Pest control +

*Maxsyn* with *NEA4* has proven to deliver excellent persistence under moisture stress, heat and insects, sometimes all at once! *NEA12* supercharges *Maxsyn*, providing a greater level of control of more insects including Argentine stem weevil, root aphid, black beetle, root aphid and porina.

## Staggers risk

In most cases *Maxsyn NEA4* and *NEA12* will deliver excellent animal health.

- *NEA4*: For dairy cows and beef it provides ryegrass staggers free pasture. For sheep and deer, there is a very low risk of ryegrass staggers when grazing *NEA4* endophyte.
- *NEA12*: For dairy cows and beef, we believe it will provide ryegrass staggers free pasture in nearly every situation. There is a risk of ryegrass staggers in sheep or lambs if you graze into the base of the pasture in summer dry conditions. *NEA12* is not recommended for horses or deer

In all cases ryegrass staggers is much less likely if you sow a pasture mix with high legume or herb content, or feed supplement as part of the diet.



# Sowing Maxsyn

Dairy		kg/ha
Next generation dairy pasture	Maxsyn perennial ryegrass	18-22
	Kotuku white clover	2
	Ruru white clover	2
	Total	22-26
Dairy		kg/ha
Next generation pasture with extra palatability and reduced nitrogen leaching	Maxsyn perennial ryegrass	10
	4front tetraploid perennial ryegrass	15
	Kotuku white clover	2
	Ruru white clover	2
	Captain CS plantain	2-4
	Total	31-33
Sheep, Beef, Deer		kg/ha
Next generation red meat pasture	Maxsyn perennial ryegrass	16-20
	Ruru white clover	2
	Apex white clover	2
	Redefine cocksfoot	3-6
	Total	23-30

\* Tetraploids are sown at a higher rate than diploids, because of their larger seed.



Maxsyn perennial ryegrass is owned & marketed by Barenbrug, & protected under the NZ Plant Variety Rights Act