



BARENBRUG
agriseeds

Maxsyn NEA4

Next Gen pasture

Maxsyn NEA4 is the next level in perennial ryegrass – persistent, densely tillered, with superior summer and autumn growth, plus a great endophyte.

Our R&D team strive to breed what farmers want. Performance is important, but farmers have told us what's critical is persistence. *Maxsyn NEA4* achieves both.

It's persisted extremely well across regions, soil types and grazing systems over its 14 years of development, through heat and erratic weather patterns that now seem to be part of life. It's densely tillered, with superior summer growth, which helps it persist, and has the highest yield of any perennial ryegrass we've released.



Superb pedigree

Maxsyn started as a cross between elite *Alto* and *Arrow* ryegrass plants, with the best progeny then rigorously selected to become the 'best of the best'.

Its strong lineage is reflected in its name, which harks back to *Bronsyn*, the best-selling perennial ryegrass in the 2000s; and *Yatsyn 1*, the original game-changer.

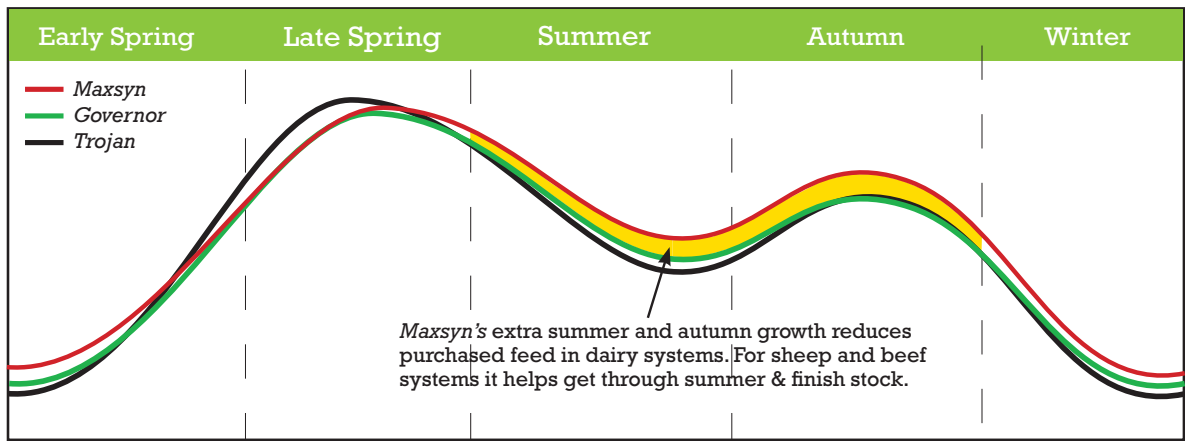
Highest total yield

Maxsyn is the next generation in perennial ryegrass, with the highest yield of any perennial ryegrass we've released.

Shines in summer & autumn

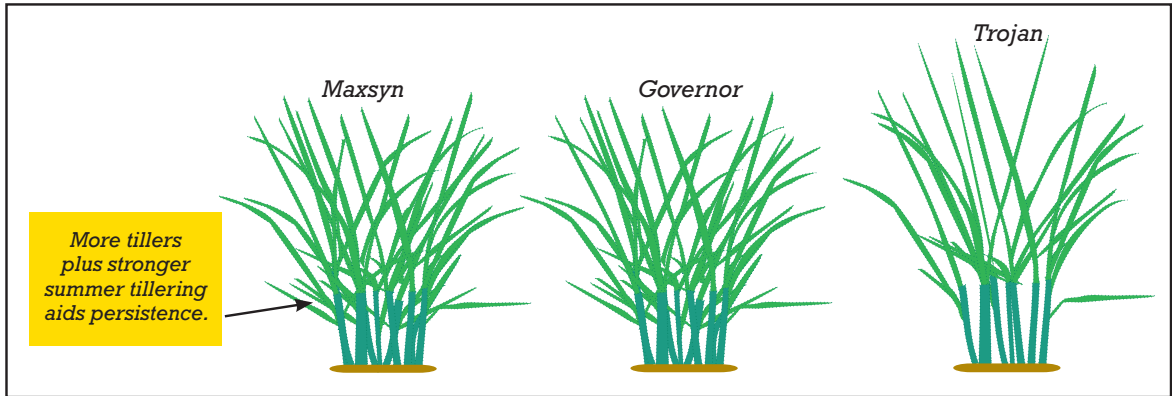
Maxsyn's strength is its warm season growth. It is easier to graze in spring (encouraging new daughter tillers) and has strong summer tillering, helping it persist.

Summer is a time most farm systems are short of feed, so extra pasture is highly valued. Visually you can see the difference, with *Maxsyn* holding its green colour longer into hot summer conditions.



Bred tough

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



System fit

Maxsyn NEA4 will enhance both dairy and red meat systems. Summer and autumn growth reduce purchased feed in dairy systems. For sheep and beef systems extra feed is critical to get through summer, finish stock, and set up winter.

Maxsyn also has a good fit environmentally:

- Strong persistence = less renewal, soil degradation, diesel
- Fast establishment = suits minimum till sowing
- Extra summer and autumn growth = less risk of overgrazing and bare soil
- Extra total DM = less imported feed

1 + 1 = 3

Maxsyn and *NEA4* together add up to more than their parts. This combination is showing excellent persistence in the field under a range of real-life pressures including moisture stress, heat, insects and overgrazing, at times all at once.

Excellent animal performance

Well managed *Maxsyn* is high in ME (12.0+ MJME/kg DM). Feedback from farmers is that stock like it, and it holds a good clover content.

NEA4 endophyte provides excellent stock performance, at the same level as *ARI* in trials. For more detail visit our website www.agriseeds.co.nz.

NEA4 = wide spectrum insect control

Maxsyn and *NEA4* together provide good control of black beetle, as well as both adult feeding and egg laying in Argentine stem weevil. *NEA4* also gives moderate control of root aphid. For more detail visit our website www.agriseeds.co.nz.

Very low chance of staggers

For dairy cows and beef cattle, *Maxsyn NEA4* provides ryegrass staggers free pasture.

For sheep and deer, ryegrass staggers grazing *NEA4* endophyte is a very low risk. In an extreme situation, (e.g. summer drought where animals are forced to graze close to the ground), a low level of staggers might occasionally be seen. For more visit our website www.agriseeds.co.nz.

Suggested seed mixes

Maxsyn's features mean it can improve farm systems in a range of situations.

Dairy		kg/ha
Top performing persistent dairy pasture.	<i>Maxsyn</i> perennial ryegrass	18-22
	<i>Kotuku</i> white clover	2
	<i>Weka</i> white clover	2
	Total	22-26

Dairy		kg/ha
For highly palatable pasture with easier management. <i>Captain</i> to reduce N leaching.	<i>Viscount</i> perennial ryegrass*	15
	<i>Maxsyn</i> perennial ryegrass	10
	<i>Kotuku</i> white clover	2
	<i>Weka</i> white clover	2
	<i>Captain</i> plantain	2
	Total	31

Sheep, Beef, Deer		kg/ha
Top performing, persistent pasture.	<i>Maxsyn</i> perennial ryegrass	16-20
	<i>Weka</i> white clover	2
	<i>Apex</i> white clover	2
	<i>Safin</i> cocksfoot	2-3
	Total	22-27



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0800 449 955