

Introducing a

new generation perennial ryegrass

selected for **Australian
conditions...**

it's outstanding in the field



Outstanding dry matter production

ONE50 is a new generation late-heading perennial ryegrass. Selected for Australian conditions, ONE50 has outstanding dry matter production. Its yield potential is best realised in fertile, productive conditions. ONE50's persistence and recovery over the last two seasons has been outstanding. ONE50 is ideal for producing high quality feed for silage and hay in difficult spring environments. Because of ONE50's late-heading date it maintains vegetative leaf production into late-spring and early-summer, making pasture management easier. This contrasts with most early to mid-heading ryegrasses which require good grazing management to control seed head production through this period. ONE50 offers farmers reliability, dependability and quality when needed.

ONE50 perennial ryegrass at a glance...

Ryegrass Type:	Perennial
Stock class:	Dairy, beef and sheep
Sowing Rate:	18-20 kg/ha
Endophyte:	HE, AR1
Seasonal Growth:	Summer, autumn and winter
Ploidy:	Diploid
Heading Date:	Late
Grazing Management:	Rotational
Recommended companion species to use with ONE50:	Tribute, Prestige & Will White Clovers, Colenso Red Clover, Choice Chicory, Tonic Plantain

ONE50 is a new generation perennial ryegrass offering:

- Long season, high yielding production
- Outstanding summer, autumn and winter production
- High quality late feed
- Rust tolerance
- Persistence
- The data to date suggests that ONE50 is a standout.

"I've been testing ONE50 perennial ryegrass in Australia for over two years. It has been showing strong early autumn and winter growth with very good recovery from grazing and dry seasonal conditions. I am looking forward to publishing my data."

Brigid Watson, Research Agronomist

Compared with other cultivars ONE50 has demonstrated excellent drought tolerance and recovery during the recent 06/07 drought:



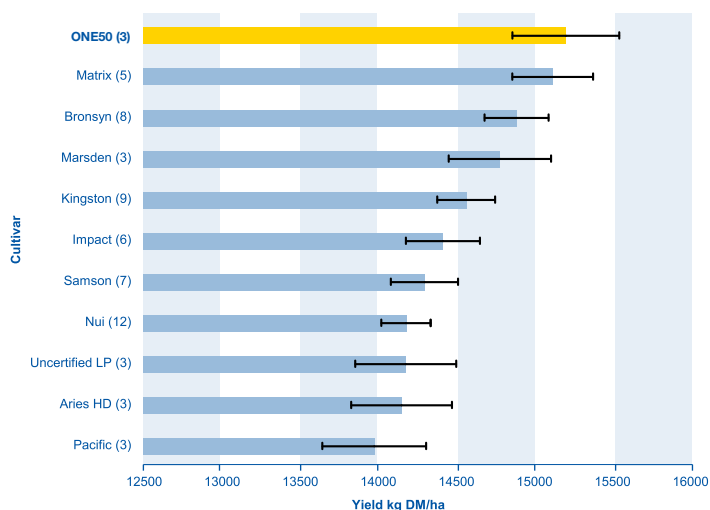
ONE50

This trial site in Hamilton, Victoria was sown in autumn 2006 and this photograph shows the site in August 2007. Autumn recovery and winter growth was outstanding. It is clear that ONE50 coped exceptionally well with the harsh conditions.



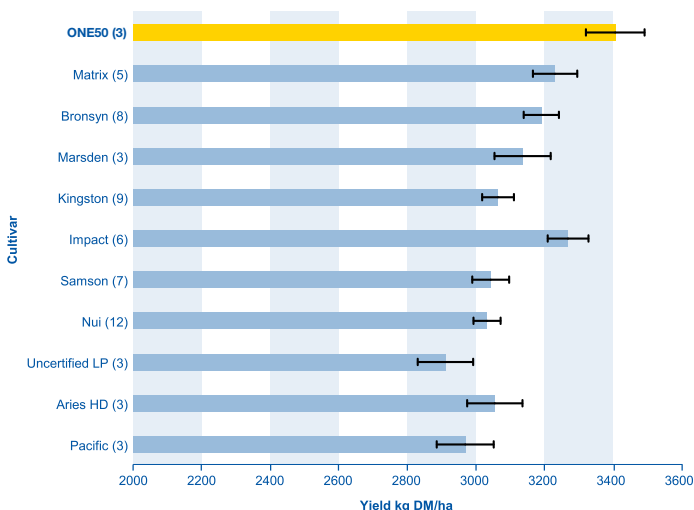
This paddock was sown in June 2006 in the Goulburn Valley, Shepparton and the photograph was taken in August 2007. ONE50 persisted well in this area which only received 450mm of rain during the 2006/2007 year.

NFVT Canterbury Summary for TOTAL Yield 1991–2006



Total Yield ONE50 is a leading ryegrass for total yield along with Matrix, Bronsyn & Marsden. ONE50 is significantly ahead of Kingston, Impact, Samson and Nui.

NFVT Canterbury Summary for AUTUMN Yield 1991–2006



Autumn Yield ONE50 is a leading ryegrass for autumn yield.

New Zealand Plant Breeding & Research Association (NZPBRA) is an independent seed's body which runs national forage variety trials (NFVT) in New Zealand. Cultivars are only placed in their published data sets when they have been in over three trials, each with a minimum duration of three years. Full trial details can be viewed at www.nzpbra.org



Dr. Alan Stewart
Breeder of ONE50

"Bred from elite genetics from New Zealand and North West Spain, ONE50 was adapted for the unique climatic conditions Australian farmers face. ONE50 was in our breeding programme for a number of years and what we achieved was a ryegrass cultivar with exceptional leaf production through summer, with high dry matter production especially in autumn and winter. ONE50 is a late heading, diploid, perennial ryegrass of medium leaf and tiller size. ONE50 is a high performing ryegrass offering farmers reliability, dependability and quality when they need it."

Reading NZPBRA summaries:

Reliability Bars:



- Cultivars with reliability bars that overlap are not statistically different and therefore are **NOT DIFFERENT**.
- The reliability bar tells you that if the trial was repeated the result would fall between the error bars 95% of the time.
- The more trials the shorter the error bars and more reliable the yield range is.
- The number of trials that each cultivar has been in is shown in brackets next to the cultivar's name.
- The right hand side of the coloured bars end at the average for the cultivar.



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Gaicho® for improved establishment and dry matter production.



- Gaicho 600 Flowable Seed Dressing Insecticide is registered for the control of a variety of early season pests
- Stress Shield™ activity associated with Gaicho often means a positive growth response may be seen even in the absence of pests
- Gaicho starts working the moment the seed is planted
- The activity of Gaicho around and within the seed, roots and leaves protects the young seedlings during their vulnerable establishment stage
- Gaicho is safe to beneficial species that are important in modern farm production systems when used as directed

