

BEALEY NEA2

PERENNIAL RYEGRASS



650mm+



4.8-8.0



Most Soil Types



PBR

KEY FEATURES

- True perennial ryegrass
- Very late flowering (+25 days)
- Excellent winter and summer growth
- Highly palatable tetraploid
- Long term persistence
- Plus NEA2 endophyte:
 - Highest potential production
 - Excellent insect tolerance
 - No staggers



DESCRIPTION

Bealey is a very late flowering tetraploid perennial ryegrass that boosts animal performance by combining the key elements of excellent feed quality, high yields and more even seasonal growth. Bealey performs well in temperate regions throughout Australia.

KEY BENEFITS

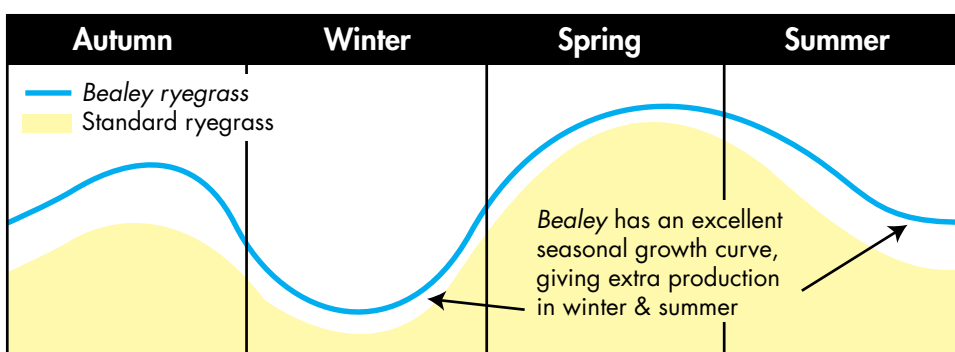
Late Flowering - Bealey is late flowering, giving high feed quality feed into late spring and summer. This makes pasture management easier and improves animal performance.

High palatability – Bealey is a tetraploid perennial ryegrass with high palatability and feed quality which can increase animal intake and add to overall animal performance.

Persistence - It offers good persistence and contains an advanced endophyte that maintains good insect resistance and doesn't contribute to animal health problems. Bealey also benefits from good tiller density.

Season growth - It has an excellent seasonal growth curve, giving extra production in winter and summer.

SEASONAL GROWTH CHART



VARIETY MANAGEMENT/AGRONOMY

Sowing time & lockup - It is recommended that perennial ryegrasses are sown as early as possible as they are generally they are less vigorous than annuals and benefit from the warmer soil conditions in February and March that help get the plant established before winter sets in. Lock up should occur when the second node can be detected. At this stage the plant is likely to start spikelet initiation. For most late perennials this is roughly during late September.

Suggested locations - Late heading varieties such as Bealey should be produced on heavier soil types and areas where the season finishes later.

Grazing management - Due to its high palatability, to get the best from Bealey avoid continual hard grazing and/or prolonged set stocking through dry periods. In wet winter conditions avoid treading or pugging damage by cattle.

PERFORMANCE

Yield relative to trial mean – Summary of 6 Australian trials

Entry	Winter	E Spring	L Spring	Summer	Autumn	TOTAL
Impact	102	102	103	101	101	102
Arrow	99	107	102	95	96	101
Bealey	100	97	103	107	103	101
Banquet II	93	95	108	101	110	100
Alto	98	100	98	98	100	99
Platinum	95	99	101	95	105	99
Matrix	99	97	98	100	93	97
Impact AR1	99	94	94	95	103	97
Extreme AR1	96	99	91	97	95	96
One50 AR1	98	94	96	105	90	96
Revolution	92	86	95	86	87	91
Aberdart	81	101	86	84	79	90

Trial	Years
Howlong	2005 - 08
Leongatha	2005 - 08
Mt Gambier	2005 - 08
Howlong	2008 - 11
Howlong	2009 - 11
Glenormiston	2009 - 11

Mean feed quality - Summary of 8 NZ AYT trials

Entry	ME (MJ/kgDM)	WSC (%)	Protein (%)
Halo	13.1	24.9	19.4
Bealey	12.8	26.5	20.2
Aberdart WE	12.8	25.8	20.1
Banquet II	12.8	26.1	19.5
Impact 2	12.7	24.7	18.8
Alto	12.6	24.9	18.5
One50 AR1	12.6	24.9	18.8
Revolution Ultra	12.5	24.8	18.3
Arrow	12.5	25.2	18.3
Helix AR1	12.2	23.6	18.9

RECOMMENDED SOWING RATE

Application	Straight	With Clover	In a Mix	Oversown
Sowing Rate (kg/ha)	25 - 30	22 - 26	12 - 14	16 - 20

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