

Bealey is a new generation tetraploid perennial ryegrass that boosts animal performance by combining the key elements of high feed quality, palatability, high yield and excellent seasonal growth.

Seasonal growth

AYT tetraploid ryegrass yields 2003-06 (relative to trial mean=100*)

Entry	Winter	Early spring	Late spring	Summer	Autumn	Total
<i>Bealey NEA2</i>	104 a	94 a	96 a	103 a	103 a	99 a
<i>Banquet SE</i>	107 a	93 a	93 a	93 a	97 a	94 a
<i>Quartet SE</i>	80 b	79 b	85 a	73 b	82 b	79 b
100 = kgDM/ha	1204	2145	3720	4655	2845	14,558

* Both tables combined data from the eight AYT trials 2003-2008. Significance lettering is given at the LSD 5% level, varieties with the same letter are not statistically different.

High lamb LWG

Bealey has grown lambs significantly faster in trials at Lincoln University.

Lamb liveweight gain (LWG) in Lincoln University Trials* (*Nui* = 100%)

Measurement	<i>Bealey (PlusNEA2)</i>	<i>Alto (WE)</i>	<i>Nui (WE)</i>
kg LWG/ha/day	5.2 a	4.6 b	4.2 b
Relative LWG/ha	123%	110%	100%

*Trials run over five 8 week periods in summer 2003/04, autumn 2004, spring 2004, summer 2004/2005 & autumn 2005. Significance lettering is given for LSD (5%) level. WE = *Without* endophyte.

High palatability & late heading

Bealey has the high palatability of a tetraploid. It is more upright than diploid varieties, allowing good clover content, boosting animal performance. *Bealey's* very late heading (+25 days) improves spring feed quality.

Persistence

Bealey is a perennial ryegrass selected for good persistence. Other factors contributing to this are its good tiller density, and *Plus NEA2* endophyte for insect resistance.

Getting the best from *Bealey*

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. (See page 160 for more information on tetraploids).

Sowing *Bealey*

Dairy		kg/ha
For high feed quality, plus high yields	<i>Bealey</i> perennial ryegrass*	25-30
	<i>Kotare</i> white clover	2
	<i>Weka</i> white clover	2
	Total	29-34
Sheep, Beef, Deer		kg/ha
For high feed value pasture ideal for finishing	<i>Bealey</i> perennial ryegrass*	25-30
	<i>Weka</i> white clover	2
	<i>Apex</i> white clover	2
	<i>Tuscan</i> red clover	4
Total		33-38

* *Bealey's* sowing rate is 30% higher than standard ryegrass as it is a tetraploid with larger seed.