

## Perennial ryegrass yields - North Island

### Summary

- The combination of multiple trials provides more reliable information on variety performance. This data combines the six North Island perennial ryegrass AYT's to date.
- *Alto* and *Arrow* show excellent overall performance, with consistent yield through all seasons in the North Island.

### Yield diploids over North Island trials.

2003-09 North Island AYT diploid ryegrass yields, trial mean = 100%\*

Entry	Winter	Early spring	Late spring	Summer	Autumn	Total
	Jun-Jul	Aug-Sept	Oct-Nov	Dec-Feb	Mar-May	
<i>Alto AR1</i>	105 a	102 a	106 a	103 a	100 a	104 a
<i>Arrow SE</i>	106 a	102 a	101 a	103 a	103 a	102 a
<i>Extreme AR6</i>	101 a	102 a	98 a	102 a	106 a	102 a
<i>Matrix SE</i>	106 a	96 a	98 a	101 a	106 a	101 a
<i>Bronsyn AR1</i>	96 a	100 a	98 a	98 ab	99 a	98 ab
<i>Commando AR1</i>	86 b	97 a	99 a	92 b	86 b	93 b
100 = kg DM/ha	1177	2179	3758	4630	2795	14,550

\* Combines data from six AYT trials: 2003-06 Cambridge Waikato; 2003-06 Massey University Manawatu; 2004-07 Whareroa Taranaki; 2005-08 Newstead Waikato; 2005-08 Massey University Manawatu; 2006-09 Whareroa Taranak. Varieties must be in at least three of the trials to be included. Significance lettering is given at the LSD 5% level, varieties with the same letter are not statistically different.