

# PERFORMANCE TRIALS

## Bellevue Reed Canarygrass

Bellevue is a low alkaloid type and has good animal performance and palatability. Developed by Macdonald College, it shows excellent yield and adaptation to eastern Canada, and is well suited to hay, silage or pasture. The low alkaloid levels mean top animal performance can be expected in all situations. Bellevue has good adaptability in all soil conditions and is used increasingly as a companion for alfalfa. Forage quality is very good, but will decline rapidly after heading.

Yield - Hay or Pasture and Palatability.

### Bellevue HAY AND PASTURE YIELD TRIALS, 1996 - '97

Variety	Hay Yield		Pasture Yield	
	kg/ha	%chk	kg/ha	DMI %chk
Bellevue	8,596	107	2,997	<b>126</b>
Palaton	8,045	100	2,380	100
Rival	7,802	97	2,292	96

Source: University of Wisconsin (1996-97)

### Bellevue NEW YORK DATA

	Harvest Years	Bellevue (kg/ha)	% Vantage	Vantage (kg/ha)
Ithaca	1998-2003	13,856	<b>101</b>	13,653

Source: Cornell University

### Bellevue QUÉBEC DATA

	Harvest Years	Bellevue (kg/ha)	% Palaton & Vantage	Palaton (kg/ha)	Vantage (kg/ha)
Elora	1993-1995	8,224	100	8,120	8,259
Kapusking	1993-1994	5,589	110	5,039	5,112
Kemptville	1993-1995	11,913	97	11,983	12,540
New Liskeard	1995-1997	10,081	100	9,948	10,274
Ottawa	1993-1995	11,190	97	11,770	11,197
Thunder Bay	1994-1996	9,146	94	9,861	9,641
Average		9,357	<b>100</b>	9,453	9,504

Source: Ontario Forage Crops Committee

## Max Annual (Italian) Ryegrass

108% yield advantage in registration testing shows this tetraploid variety to be outstanding. Max is tall and vigorous with large leaves and upright growth making it great in mixtures. Its healthy green colour is evident from emergence five days after seeding through its several cuts during the growing season. Max was selected not to produce seed heads in the seeding year.

Leaf diseases are not a problem, as Max was selected for freedom from leaf disease.

Max is broadly adaptable, appropriate for use in forage mixes, as nurse crop, as break crop in potato rotations and as green manure crop. Use for pasture, green chop or stored feed (hay, silage).

### Max ATLANTIC REGION DATA

	Harvest Years					
	Max	%Lemtal	Lemtal	Ajax	Barextra	
Charlottetown	98	7.44	105	7.10	8.22	
Charlottetown	99	7.45	104	7.18	7.13	7.32
Truro	98	8.43	128	6.59	7.22	
Truro	99	3.72	89	4.16	4.29	4.75
Nappan	98	8.52	105	8.10	8.00	
Nappan	99	6.57	118	5.55	5.52	5.91
Fredericton	99	6.38	104	6.14	7.47	
Average		6.93	<b>108</b>	6.40	6.84	6.29

Source: Atlantic Forage Crops Committee

### Max ONTARIO DATA

	Harvest Years					
	Max	%M.Ledger	Maris Ledger	Barmultra	Barextra	
Elora	99	5,650	104	5,414	5,954	5,657
Kemptville	99	8,796	108	8,134	7,621	8,577
New Liskeard	99	6,557	106	6,163	6,300	6,136
New Liskeard	4	8,397	105	8,012		
Kapusking	99	5,680	106	5,352	4,893	5,138
Thunder Bay	99	5,936	122	4,849	4,758	5,152
Average		6,836	109	6,321	5,905	6,132

Source: Ontario Forage Crops Committee

### Max U. OF MICHIGAN - 5 CUTS (IN EACH OF 2 YEARS)

This trial from the University of Michigan showed Max to have a 212% advantage over Common seed annual ryegrass!

Max	%Average	Trial Average	Common	Barextra
8654	128	6771	4080	6726