

PERFORMANCE TRIALS

TALL FESCUE

Carnival Tall Fescue

Carnival Tall fescue was registered in 2002 based on results in the Ontario Forage Crops Committee trials (table below). Carnival was evaluated for grazing performance by Michigan State University and found to be 10% higher in yield AND higher palatability than the checks. Palatability was superior to orchardgrass as well. In keeping with PICKSEED's emphasis on forage quality and improving animal productivity, Carnival was evaluated for forage quality and selected as being superior (see table below).

Carnival YIELD SUMMARY, CANADA

Location	Seed	Harvest	Carnival	%chk	Courtenay	Kokanee	Montebello
Elora	99	00	11652	110	10599		
Elora	99	01	10876	126	8638		
Elora	99	02	8363	111	7526		
Elora	00	01	10123	101	9977		
Elora	00	02	9249	109	8463		
Elora	00	03	8075	103	7858		
Elora	03	05	4765	115	4132		
New Liskeard	99	00	8791	100	8800		
New Liskeard	00	01	7354	87	8476		
New Liskeard	00	02	9504	91	10391		
Kapuskasing	00	01	6333	87	7283		
Kapuskasing	00	02	3001	82	3645		
Thunder Bay	99	00	9316	112	8340		
Thunder Bay	99	01	4124	83	4974		
Macdonald	99	00	7261	93		7983	7711
Macdonald	00	01	7987	107		7875	7062
Lennoxville	99	00	5130	100		5551	4718
Lennoxville	99	01	8453	97		8823	8638
Lennoxville	00	01	9243	111		8579	8100
St-Augustin	99	00	12269	107		11273	11555
St-Augustin	99	01	6320	97		6428	6640
St-Augustin	00	01	9022	101		9224	8631
Normandin	99	00	7762	111		6830	7095
Normandin	99	01	5062	85		6196	5663
Normandin	00	01	9923	106		9521	9130
Average			7998.3	101.3		8025	7722.1

chk: ON: Courtenay; QC: Kokanee, Montebello

Carnival GRAZING TRIAL PALATABILITY (MICHIGAN STATE U. 2000 TRIAL, GRAZING 2001-2003)

Location	Seed	Harv.	Carnival	%chk	Kokanee	Avg.of Fawn	Orchardgrass
East Lansing	00	01-03	4.5	102	4.6	4.3	3.1

chk: Kokanee, Fawn; Palatability: 1 (not eaten) - 5 (totally eaten)

Carnival GRAZING TRIAL YIELD KG/HA (MICHIGAN STATE U. 2000 TRIAL, GRAZING 2001-2003)

Location	Seed	Harv.	Carnival	%chk	Kokanee	Fawn
East Lansing	00	01	7623	109	8094	5852
East Lansing	00	02	9394	113	8632	7937
East Lansing	00	03	6726	108	6255	6188
Average			7914	110	7660	6659

chk: Kokanee, Fawn

Carnival FORAGE QUALITY

	ADF AVG	NDF AVG	RFV AVG
Carnival vs Fuego	100	96	104
<small>(as % of Fuego) 4% better RFV & 4% more potential intake</small>			
Carnival vs Courtenay	94	94	108
<small>(as % of Courtenay) 6% better digestibility, 6% better intake, 108% better RFV</small>			

ADF: Acid Detergent Fibre; NDF: Neutral Detergent Fibre; RFV: Relative Feed Value