

## Perseus Festulolium

### KEY OBSERVATIONS:

- Meadow Fescue x Italian Ryegrass
- Excellent forage yield in the seeding year
- Excellent forage quality
- Excellent disease resistance
- Excellent seasonal growth pattern

### VARIETY DESCRIPTION:

Botanical Name:	Festulolium
Ploidy:	Tetraploid
Pollination:	Open
Plant - Spring Growth Habit:	Semi-Erect
Plant - Fall Growth Habit:	Semi-Erect
Plant Height:	N/A
Winter Hardiness:	Susceptible
Maturity:	Medium
Rhizomes - Creeping Habit:	Absent to Very Weak
Waxy Bloom on Leaf:	Present
Leaf Sheath Colour:	White
Basal Hairs:	Absent
Leaf Blade Margins:	Smooth
Leaf Blade Folding:	Closed
Leaf Width:	Medium
Leaf Length:	Medium
Leaf Colour:	Medium Dark Green
Leaf Pubescence:	Glabrous
Flag Leaf Width:	Medium
Flag Leaf Length:	Long
Auricles:	Present
Auricle Pubescence:	Glabrous
Flowering Date:	Medium
Panicle Colour:	Green
Panicle Length:	Long
Panicle Shape:	Spike

### VARIETY DESCRIPTION:

Panicle Pubescence:	Slightly Pubescent
Panicle Type:	Intermediate
Panicle Attitude:	Erect
Number of Spikelets:	Many
Culm Neck Shape:	Straight
Branch Pubescence:	Glabrous
Anther Colour:	Yellowish Green
Palea Pubescence:	Short
Palea Length:	Short
Palea Width:	Narrow
Lemma Pubescence:	Several
Lemma Texture:	Smooth
Lemma Length:	Short
Lemma Width:	Narrow
Lemma Awn Length:	Shorter than Length of Lemma
Glume Pubescence:	Glabrous
Glume Length:	Short
Glume Width:	Narrow
Glume Awn Length:	Shorter than Length of Glume
Seed Size:	Medium
Seed Weight:	0.4g/100 Seeds
Seed Length:	8mm
Seed Width:	2mm
Seeding Rate:	9kg/ac, 20lbs/ac

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COMPARISON VARIETIES	HARVEST YEAR(S)	TOTAL CUTS	NUMBER OF STATION YEAR(S)	TOTAL YIELD (KG/HA)	YIELD INDEX (%)
<b>ONTARIO FORAGE CROP COMMITTEE YIELD COMPARISONS</b>					
Perseus	2013	6	2	12822.5	131
Lofa	2013	6	2	12319.5	126
<b>UNIVERSITY OF KENTUCKY YIELD COMPARISONS</b>					
Perseus	2012-'16	49	15	7628.2	122
Lofa	2012-'16	49	15	7195.9	111
<b>ALL PUBLIC FORAGE PERFORMANCE TRIALS</b>					
Perseus	2011-'16	72	22	8398.2	121
<b>DLF PICKSEED CANADA INC. FORAGE PERFORMANCE TRIALS</b>					
Perseus	2015-'16	15	5	7214.4	108
Lofa	2015-'16	15	5	5861.7	88
Feeder	2015-'16	15	5	6858.3	102
<b>ALL PRIVATE FORAGE PERFORMANCE TRIALS</b>					
Perseus	2015-'16	15	5	7214.4	108