

2019 Technical Data



Mathilde Perennial Ryegrass

KEY FEATURES

- Excellent forage quality, tetraploid variety
- Improved winterhardiness
- Improved forage yield
- Very dense growth habit
- Late maturity

VARIETY DESCRIPTION

Botanical Name:	Perennial
Ploidy:	Tetraploid
Pollination:	Open
Plant - Spring Growth Habit:	Medium
Plant - Fall Growth Habit:	Medium
Plant Height:	Medium
Winter Hardiness:	Moderately Resistant
Maturity:	Late
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:	Open
Leaf Width:	Narrow
Leaf Length:	Long
Leaf Colour:	Dark green
Leaf Pubescence:	Strongly Pubescent
Flag Leaf Width:	Narrow-medium
Flag Leaf Length:	Long
Auricles:	Absent
Auricle Pubescence:	Glabrous
Flowering Date:	Late
Panicle Colour:	Green
Panicle Length:	Medium-long

VARIETY DESCRIPTION

Panicle Shape:	Spike
Panicle Pubescence:	Glabrous
Panicle Type:	Intermediate
Panicle Attitude:	Erect
Number of Spikelets:	Many
Culm Neck Shape:	Slightly Curved
Branch Pubescence:	Glabrous
Palea Length:	Short
Palea Width:	Narrow
Lemma Pubescence:	Short
Lemma Texture:	N/A
Lemma Length:	Short
Lemma Width:	Narrow
Lemma Awn Length:	Shorter than length
Glume Pubescence:	Glabrous
Glume Length:	Short
Glume Width:	Narrow
Glume Awn Length:	Shorter than length
Anther Colour:	Yellowish green
Palea Pubescence:	Absent
Seed Size:	Medium
Seed Weight:	0.2g/100 Seeds
Seed Length:	7mm
Seed Width:	2mm
Seeding Rate:	11kg/ac, 25lbs/ac

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PUBLIC YIELD SUMMARY

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Mathilde	2005-'14	47	14	8799.8	99

DLF PICKSEED CANADA INC. YIELD SUMMARY

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Mathilde	2015-'17	30	10	6419.0	93
Feeder	2015-'17	30	10	5742.3	83