

2019 Technical Data



Tower Tall Fescue

KEY FEATURES

- Late maturity
- Soft leaf provides very good forage quality
- Endophyte free
- Excellent disease resistance
- Very good stress tolerance

VARIETY DESCRIPTION

Botanical Name:	Tall
Ploidy:	Hexaploid
Plant - Fall Growth Habit:	Semi-Erect
Plant Height:	Medium
Winter Hardiness:	Moderately Resistant
Maturity:	Medium Late
Rhizomes - Creeping Habit:	Weakly Creeping
Waxy Bloom on Leaf:	Absent
Leaf Sheath Colour:	White
Basal Hairs:	Absent
Leaf Blade Margins:	Smooth
Leaf Blade Folding:	Open
Leaf Width:	Narrow
Leaf Length:	Medium
Leaf Colour:	Bright Green
Flag Leaf Width:	Narrow to Medium
Flag Leaf Length:	Short to Medium
Auricles:	Absent
Flowering Date:	Medium
Panicle Colour:	Green
Panicle Length:	Medium
Panicle Shape:	Narrow Tapering
Panicle Type:	Intermediate
Panicle Attitude:	Erect
Branch Pubescence:	Glabrous
Anther Colour:	Yellowish Green

VARIETY DESCRIPTION

Palea Pubescence:	Absent
Palea Length:	Absent
Palea Width:	Absent
Lemma Pubescence:	Absent
Lemma Texture:	Smooth
Lemma Length:	Short
Lemma Width:	Narrow
Seed Size:	Medium
Seed Weight:	2.85g/100 Seeds
Seed Length:	7mm
Seed Width:	1mm
Seeding Rate:	7kg/ac, 15lbs/ac

REACTION TO DISEASES

Pink Snow Mold:	Moderately Resistant (15-30% Resistant Plants)
Powdery Mildew:	Resistant (31-50% Resistant Plants)
Stem Rust:	Highly Resistant (>50% Resistant Plants)
Stripe Rust:	Highly Resistant (>50% Resistant Plants)
Leaf Rust:	Highly Resistant (>50% Resistant Plants)
Crown Rust:	Highly Resistant (>50% Resistant Plants)

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UNIVERSITY OF WISCONSIN YIELD COMPARISONS

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Tower	2012-'15	10	3	10722.8	107
Kora	2012-'15	10	3	10618.2	106

UNIVERSITY OF KENTUCKY YIELD COMPARISONS

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Tower	2013	4	1	11051.6	99
Select	2013	4	1	10065.2	90

MICHIGAN STATE UNIVERSITY YIELD COMPARISONS

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Tower	2015-'17	7	3	7240.7	109
Pradel	2015-'17	7	3	6164.7	93

PUBLIC YIELD SUMMARY

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Tower	2012-'17	71	25	9544.4	102

DLF PICKSEED CANADA INC. YIELD SUMMARY

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
Tower	2015-'17	34	11	8236.3	N/A