

Super Nova Alfalfa

PRODUCT INFORMATION:

Fall Dormancy: 3

KEY OBSERVATIONS:

- Improved forage quality
- Very good forage yield
- Excellent disease resistance
- Very high multifoliate leaf expression
- Very fast regrowth

VARIETY DESCRIPTION:

Varietal Class:	Synthetic
Ploidy:	Tetraploid
Plant, Early Spring Growth:	33cm
Plant Spring Height:	115cm
Plant Spring Growth Habit:	Erect
Plant Fall Regrowth:	39cm
Fall Growth Habit (Dormancy):	3
Winter Survival Rating:	Good, 1.2
Stem Length:	117cm
Stem Thickness:	Medium
Stem Pubescence:	Absent, 0%
Leaf Colour:	Medium Green
Multifoliate Leaf Expression:	Very High >76%
Average of Multifoliate:	2.9
Days to Flowering:	39
Flower Colour:	89% Purple, 11% Variegated
Root Type:	Tap
Crown Width:	Medium-Wide
Crown Depth:	Shallow-Medium
Pod Shape:	Crescent-Shape to Coiled in Three Spirals
Pod Pubescence:	Present, 100%
Seeding Rate:	7-9kg/ac, 15-20lbs/ac

REACTION TO PESTS & DISEASES:

Blue Alfalfa Aphid:	Not Tested
Pea Aphid:	Highly Resistant
Spotted Alfalfa Aphid:	Resistant
Potato Leafhopper:	Not Tested
Cowpea Aphid:	Not Tested
Stem Nematode:	Not Tested
Northern Root Knot Nematode:	Resistant
Anthracnose:	Highly Resistant
Aphanomyces Rot (Race 1):	Highly Resistant
Bacterial Wilt:	Highly Resistant
Fusarium Wilt:	Highly Resistant
Phytophthora Root Rot:	Highly Resistant
Verticillium Wilt:	Highly Resistant
Aphanomyces Root Rot (Race 2):	Not Tested

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COMPARISON VARIETIES	HARVEST YEAR(S)	TOTAL CUTS	NUMBER OF STATION YEAR(S)	TOTAL YIELD (KG/HA)	YIELD INDEX (%)
CORNELL UNIVERSITY FORAGE PERFORMANCE TRIALS					
Super Nova	2005-'08	20	8	8863.1	101
UNIVERSITY OF WISCONSIN FORAGE PERFORMANCE TRIALS					
Super Nova	2005-'08	12	4	13111.9	111
ALL PUBLIC FORAGE PERFORMANCE TRIALS					
Super Nova	2002-'08	105	38	9449.4	100
DLF PICKSEED CANADA INC. FORAGE PERFORMANCE TRIALS					
Super Nova	2007-'16	88	32	9922.1	103
Leader	2007-'16	88	32	9769.0	101
ALL PRIVATE FORAGE PERFORMANCE TRIALS					
Super Nova	2006-'16	169	58	11411.9	101