

Fortune Alfalfa

PRODUCT INFORMATION:

Fall Dormancy: 4

KEY OBSERVATIONS:

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

VARIETY DESCRIPTION:

Varietal Class:	Synthetic
Ploidy:	Tetraploid
Plant, Early Spring Growth:	30cm
Plant Spring Height:	111cm
Plant Spring Growth Habit:	Erect
Plant Fall Regrowth:	24cm
Fall Growth Habit (Dormancy):	4
Winter Survival Rating:	Good, 1.4
Stem Length:	95cm
Stem Thickness:	Medium
Stem Pubescence:	Absent, 0%
Leaf Colour:	Dark Green
Multifoliate Leaf Expression:	Very High >76%
Average of Multifoliate:	3.0
Days to Flowering:	38
Flower Colour:	96% Purple, 3% Variegated, 1% Yellow
Root Type:	Tap
Crown Width:	Medium
Crown Depth:	Medium
Pod Shape:	Crescent-Shape to Coiled in Three Spirals
Pod Pubescence:	Absent, 0%
Seeding Rate:	7-9kg/ac, 15-20lbs/ac

REACTION TO PESTS & DISEASES:

Blue Alfalfa Aphid:	Not Tested
Pea Aphid:	Resistant
Spotted Alfalfa Aphid:	Resistant
Potato Leafhopper:	Not Tested
Cowpea Aphid:	Not Tested
Stem Nematode:	Resistant
Northern Root Knot Nematode:	Not Tested
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 (%)
MICHIGAN STATE UNIVERSITY FORAGE PERFORMANCE TRIALS					
Fortune	2010-'13	15	4	14036.7	106
4S417	2010-'13	15	4	13710.0	103
NEBRASKA FORAGE PERFORMANCE TRIALS					
Fortune	2010-'13	8	2	13046.7	104
UNIVERSITY OF WISCONSIN FORAGE PERFORMANCE TRIALS					
Fortune	2009-'12	24	7	12130.8	105
54Q32	2009-'12	24	7	11916.2	103
55V48	2009-'12	24	7	11170.1	97
Fortune	2009-'12	15	4	13982.6	108
55V12	2009-'12	15	4	11892.2	98
ALL PUBLIC FORAGE PERFORMANCE TRIALS					
Fortune	2009-'13	47	13	12858.1	105
DLF PICKSEED CANADA INC. FORAGE PERFORMANCE TRIALS					
Fortune	2008-'16	143	47	11096.7	103
OAC Superior	2008-'16	143	47	10866.3	101
ALL PRIVATE FORAGE PERFORMANCE TRIALS					
Fortune	2009-'16	187	63	11986.6	103