

# 2020 Technical Data



## Assalt ST Alfalfa

Fall Dormancy: 4

### KEY FEATURES

- Tolerant to high pH soils
- Adaptable to many different soil conditions
- Very good disease resistance
- Good forage yeild
- Good forage quality

### VARIETY DESCRIPTION

Varietal Class:	Synthetic
Ploidy:	Tetraploid
Plant, Early Spring Growth:	42cm
Plant Spring Height:	67cm
Plant Spring Growth Habit:	Semi-Erect
Plant Fall Regrowth:	24cm
Fall Growth Habit (Dormancy):	4
Winter Survival Rating:	Good
Stem Length:	74cm
Stem Thickness:	Medium
Stem Pubescence:	Absent, 0%
Leaf Colour:	Medium Green
Multifoliate Leaf Expression:	High (41-75%)
Average of Multifoliate:	2.1
Days to Flowering:	48
Flower Colour:	98% Purple, 2% Variegated
Root Type:	Tap
Crown Width:	Medium
Crown Depth:	Medium
Pod Shape:	Crescent-Shape to Coiled in Three Spirals
Pod Pubescence:	Present (100%)
Seeding Rate:	9kg/ac, 20lbs/ac

### REACTION TO PESTS & DISEASES

Blue Alfalfa Aphid:	Resistant
Pea Aphid:	Highly Resistant
Spotted Alfalfa Aphid:	Not Tested
Potato Leafhopper:	Not Tested
Cowpea Aphid:	Resistant
Stem Nematode:	Resistant
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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### DLF PICKSEED CANADA INC. YIELD COMPARISONS

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
<b>Assalt ST</b>	<b>2014-'18</b>	<b>130</b>	<b>41</b>	<b>11124.9</b>	<b>102</b>
135	2014-'18	130	41	10938.7	100

### DLF PICKSEED CANADA INC. YIELD SUMMARY

	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (KG/HA)	YIELD INDEX (%)
<b>Assalt ST</b>	<b>2011-'18</b>	<b>197</b>	<b>65</b>	<b>11614.3</b>	<b>100</b>