

# ASSALT ST ALFALFA

**Fall Dormancy: 4**

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## 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<br>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-'19</b> | <b>136</b> | <b>44</b>          | <b>10972.1</b> | <b>102</b>      |
| 135              | 2014-'19        | 136        | 44                 | 10799.1        | 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-'19</b> | <b>203</b> | <b>68</b>          | <b>11493.8</b> | <b>100</b>      |