

# 2019 Technical Data



## AC® Success Hybrid Bromegrass

### KEY FEATURES

- Inter-species cross of Smooth and Meadow Bromegrass
- Excellent winterhardiness
- Very good forage quality
- Early spring growth
- Good seasonal growth pattern

### VARIETY DESCRIPTION

|                              |                       |
|------------------------------|-----------------------|
| Type:                        | Hybrid                |
| Growth Habit:                | Erect                 |
| Crown Width:                 | Narrow to Medium      |
| Degree of Basal Tillering:   | Low                   |
| Root Type:                   | Non-Creeping          |
| Lodging Resistance:          | Good                  |
| Plant Height:                | 61cm                  |
| Pubescence:                  | Slightly Pubescent    |
| Collar Shape:                | V-Shaped              |
| Sterile Culm Height:         | Medium                |
| Sterile Culm Leaf Elevation: | Medium                |
| Sterile Culm Leaf Number:    | 5                     |
| Fertile Culm Height:         | Medium                |
| Fertile Culm Diameter:       | 0.5cm                 |
| Fertile Culm Leaf Elevation: | Medium                |
| Node Pubescence:             | Slightly Pubescent    |
| Leaf Length:                 | Medium                |
| Leaf Width:                  | Medium                |
| Leaf Attitude:               | Semi-Erect            |
| Leaf Abundance:              | Few                   |
| Leaf Pubescence:             | Slightly Pubescent    |
| Waxy Bloom on Leaf:          | Absent                |
| Leaf Blade Colour:           | Light to Medium Green |
| Leaf Sheath Colour:          | Green                 |
| Leaf Ligule:                 | Absent                |

### VARIETY DESCRIPTION

|                   |                          |
|-------------------|--------------------------|
| Flag Leaf Width:  | Narrow to Medium         |
| Flag Leaf Length: | Short                    |
| Auricles:         | Absent                   |
| Panicle Shape:    | Moderately Open          |
| Panicle Attitude: | Erect                    |
| Panicle Colour:   | Little or No Anthocyanin |
| Branch Attitude:  | Semi-Erect               |
| Panicle Length:   | Medium                   |
| Awn Length:       | Medium                   |
| Lemma Pubescence: | Glabrous                 |
| Heading Time:     | Medium                   |
| Seed Weight:      | 4.37g/1000 Seeds         |
| Seed Pubescence:  | Glabrous                 |
| Seeding Rate:     | 7kg/ac, 16lbs/ac         |

### REACTION TO DISEASES

|                  |            |
|------------------|------------|
| Ergot:           | Not-Tested |
| Powdery Mildew:  | Not-Tested |
| Root Rot:        | Not-Tested |
| Purple Eye Spot: | Not-Tested |
| Stem Rust:       | Not-Tested |
| Snow Mold:       | Not-Tested |
| Leaf Rust:       | Not-Tested |

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### BRITISH COLUMBIA YIELD COMPARISONS

|                   | HARVEST YEARS   | # OF CUTS | # OF STATION YEARS | YIELD (KG/HA) | YIELD INDEX (%) |
|-------------------|-----------------|-----------|--------------------|---------------|-----------------|
| <b>AC Success</b> | <b>2010-'11</b> | <b>9</b>  | <b>6</b>           | <b>6361.7</b> | <b>103</b>      |
| Fleet             | 2010-'11        | 9         | 6                  | 6121.5        | 99              |

### WESTERN YIELD COMPARISONS

|                   | HARVEST YEARS | # OF CUTS | # OF STATION YEARS | YIELD (KG/HA) | YIELD INDEX (%) |
|-------------------|---------------|-----------|--------------------|---------------|-----------------|
| <b>AC Success</b> | <b>2003</b>   | <b>6</b>  | <b>4</b>           | <b>4265.8</b> | <b>98</b>       |
| Fleet             | 2003          | 6         | 4                  | 3830.0        | 88              |

### PENN STATE UNIVERSITY YIELD SUMMARY

|                   | HARVEST YEARS   | # OF CUTS | # OF STATION YEARS | YIELD (KG/HA)  | YIELD INDEX (%) |
|-------------------|-----------------|-----------|--------------------|----------------|-----------------|
| <b>AC Success</b> | <b>2014-'16</b> | <b>9</b>  | <b>3</b>           | <b>10350.5</b> | <b>101</b>      |
| Peak              | 2014-'16        | 9         | 3                  | 9896.0         | 97              |

### PUBLIC YIELD SUMMARY

|                   | HARVEST YEARS   | # OF CUTS | # OF STATION YEARS | YIELD (KG/HA) | YIELD INDEX (%) |
|-------------------|-----------------|-----------|--------------------|---------------|-----------------|
| <b>AC Success</b> | <b>2003-'16</b> | <b>43</b> | <b>18</b>          | <b>7860.4</b> | <b>N/A</b>      |

### DLF PICKSEED CANADA INC. YIELD SUMMARY

|                   | HARVEST YEARS   | # OF CUTS | # OF STATION YEARS | YIELD (KG/HA) | YIELD INDEX (%) |
|-------------------|-----------------|-----------|--------------------|---------------|-----------------|
| <b>AC Success</b> | <b>2009-'17</b> | <b>45</b> | <b>20</b>          | <b>5310.7</b> | <b>N/A</b>      |