

## **4A525**



# High yield potential variety with excellent disease package and winter survival.

- · A high yielding fall dormancy 5 variety for aggressive managers.
- Features a 1.0 winter survival rating, a complete disease package, and resistance to stem nematode.
- A tall showy variety with average recovery after harvest for eastern and Midwestern dairymen or western commercial growers.

#### **CHARACTERISTICS**

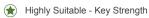
>50%

| Fall Dormancy                     | 5   |
|-----------------------------------|-----|
| Winterhardiness                   | . 1 |
| Multifoliate Leaf ExpressionLow M | lF  |



#### **AGRONOMICS**

- Forage Yield
- Relative Feed Quality
- Standability
- 33 Disease Resistance Index
- NA Salt Tolerance



Suitable - Meets Standards

Manage Appropriately

Strong Caution - Limitation

NA) Rating Not Available



#### **DISEASES AND INSECTS**

- HR Aphanomyces (Race 1)
- MR Aphanomyces (Race 2)
- **HR** Bacterial Wilt
- HR Fusarium Wilt
- HR Verticillium Wilt
- HR Anthracnose
- HR Phytophthora Root Rot
- NA Pea Aphid
- NA Spotted Alfalfa Aphid
- R Stem Nematode

| Disease Rat     | ting Descriptions   |                 |               |
|-----------------|---------------------|-----------------|---------------|
| %<br>Resistance | Resistance Class    | Class<br>Abbrev | DRI<br>Points |
| 0-5%            | Susceptible         | S               | 1             |
| 6-15%           | Low Resistance      | LR              | 2             |
| 16-30%          | Moderate Resistance | MR              | 3             |
| 31-50%          | Resistance          | R               | 4             |

High Resistance

HR

5

| Fall Dormancy (FD) Rating Descriptions |              |  |  |
|--|--------------|--|--|
| FD Rating                              | Description  |  |  |
| 1-2                                    | Very Dormant |  |  |
| 3-5                                    | Dormant      |  |  |
| 6-7                                    | Semi-Dormant |  |  |
| 8-11                                   | Resistance   |  |  |

| Winter Survival (WS) Rating |                        |  |  |
|-----------------------------|------------------------|--|--|
| WS Rating                   | Description            |  |  |
| 1                           | Extremely Winterhardy  |  |  |
| 2                           | Very Winterhardy       |  |  |
| 3                           | Winterhardy            |  |  |
| 4                           | Moderately Winterhardy |  |  |
| 5                           | Slightly Winterhardy   |  |  |

#### MANAGEMENT GUIDELINES

- 4A525 is adapted to all U.S. production zones where fall dormancy 4, 5 or 6 alfalfas are normally recommended for hay or haylage. Best adapted to 28-30 day cutting schedules (by one-tenth flower) to maximize milk per acre.
- · Optimal harvest timing medium early maturity to one-tenth flower.
- At harvest maturity look for tall showy plants, medium sized stems and a dense canopy of large, medium green leaves.
- Excellent yield stability under 4 or 5 cut harvest systems and productivity into the later years of the stand.

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