

## HI-GEST® 360

Low Lignin

**NEW**

|                                |              |
|--------------------------------|--------------|
| Yield rating                   | 5            |
| Fall dormancy                  | FD 3         |
| Winter Survival                | WS 1.5       |
| Multifoliate Leaf Expression   | 78%/Mold. MF |
| Salinity Tolerance Germination | Tolerant     |
| FastGrowth Rating              | 1.83/Avg     |

### Performance

- First commercially available low-lignin alfalfa variety for dormant producers. Variety Patents Pending.
- Whole plant lignin for Hi-Gest® 360 is 7 to 10% lower than other dormant varieties for improved performance
- Product of conventional plant breeding
- No yield drag, no loss of pest resistance, no reduction in winter hardiness with 28 to 30 day harvest schedules

### Management

- Adapted to today's best alfalfa management practices. No on-farm field or management adjustments needed to grow or feed
- Hi-Gest® 360 alfalfa offers a wider harvest window of up to 7 days if harvest timing is delayed past late bud or one-tenth flower
- Rations using Hi-Gest® can be easily balanced by nutritionists with the results of an accurate feed test

### Appearance at Harvest Maturity

- Plants are medium-tall, with a dense canopy of stems and leaves

### Pest Package

|                            | HR | R | MR | LR | S |
|----------------------------|----|---|----|----|---|
| <b>DISEASES</b>            |    |   |    |    |   |
| Anthraxnose                | ●  |   |    |    |   |
| Aphanomyces-Race 1         | ●  |   |    |    |   |
| Amphanomyces-Race 2        | ●  |   |    |    |   |
| Bacterial wilt             | ●  |   |    |    |   |
| Fusarium wilt              | ●  |   |    |    |   |
| Phytophthora root rot      | ●  |   |    |    |   |
| Verticillium wilt          | ●  |   |    |    |   |
| <b>INSECTS</b>             |    |   |    |    |   |
| Blue alfalfa aphid         |    | ● |    |    |   |
| Pea aphid                  |    | ● |    |    |   |
| Cowpea aphid               |    | ● |    |    |   |
| Spotted alfalfa aphid      |    |   |    |    |   |
| <b>NEMATODE RESISTANCE</b> |    |   |    |    |   |
| Northern root knot         |    |   |    |    |   |
| Southern root knot         |    |   |    |    |   |
| Stem nematode              |    | ● |    |    |   |

## AFX 469

For Aggressive Managers

**NEW**

|                                |                |
|--------------------------------|----------------|
| Yield rating                   | 5              |
| Fall dormancy                  | FD 4           |
| Winter Survival                | WS 1.5         |
| Multifoliate Leaf Expression   | 47%/Low MF     |
| Salinity Tolerance Germination | Tolerant       |
| FastGrowth Rating              | 2.11/Very Fast |

### Performance

- For growers who aggressively managed their established alfalfa acres to maximize milk per acre
- An 11% yield advantage versus PGI 557
- FastGrowth ability shaves 3 to 5 days off the time between harvests to maximize seasonal yield
- Carries a strong, multiple-pest package to protect fast-growing plants and aggressively-managed acres

### Management

- Fast-growing variety for production areas that use fall dormancy 4 and 5 alfalfas, and when four or more cuts are expected each season
- Average seeding year yield performance when spring direct seeded
- Very early harvest maturity; reaches late bud or early flower 3 to 5 days ahead of most dormant alfalfas
- Very fast green-up after harvest and accelerated growth to harvest maturity

### Appearance at Harvest Maturity

- Tall and showy, with large leaves

### Pest Package

|                            | HR | R | MR | LR | S |
|----------------------------|----|---|----|----|---|
| <b>DISEASES</b>            |    |   |    |    |   |
| Anthraxnose                | ●  |   |    |    |   |
| Aphanomyces-Race 1         | ●  |   |    |    |   |
| Amphanomyces-Race 2        | ●  |   |    |    |   |
| Bacterial wilt             | ●  |   |    |    |   |
| Fusarium wilt              | ●  |   |    |    |   |
| Phytophthora root rot      | ●  |   |    |    |   |
| Verticillium wilt          | ●  |   |    |    |   |
| <b>INSECTS</b>             |    |   |    |    |   |
| Blue alfalfa aphid         |    |   |    |    |   |
| Pea aphid                  |    |   |    |    |   |
| Cowpea aphid               |    |   |    |    |   |
| Spotted alfalfa aphid      |    |   |    |    |   |
| <b>NEMATODE RESISTANCE</b> |    |   |    |    |   |
| Northern root knot         |    |   |    |    |   |
| Southern root knot         |    |   |    |    |   |
| Stem nematode              |    | ● |    |    |   |

## Re-New ML

Branch Root Alfalfa

|                          |           |
|--------------------------|-----------|
| Winter Survival          | WS 2.0    |
| Recovery                 | Fast      |
| Wisconsin Disease Rating | 30/30     |
| Leaf to Stem Ratio       | Excellent |
| Fall dormancy            | FD 3.6    |

### Product Description

RE-NEW ML was selected for having a strong branch root characteristic. RE-NEW ML is a multifoliate and offers a good quality hay. This variety will work in all soils and has a strong disease package. RE-NEW ML branch roots help keep the root system above the water level in wet areas. Well suited to less than ideal soil and field conditions.



### Pest Package

|                      |   |    |    |   |    |
|----------------------|---|----|----|---|----|
| Bacterial Wilt       | ● |    |    |   |    |
| Fusarium Wilt        | ● |    |    |   |    |
| Phytophthora         | ● |    |    |   |    |
| Verticillium Wilt    | ● |    |    |   |    |
| Anthraxnose (race 1) | ● |    |    |   |    |
| Stem Nematode        | ● |    |    |   |    |
| Northern Root Knot   | ● |    |    |   |    |
| Aphanomyces (race 1) | ● |    |    |   |    |
|                      | S | LR | MR | R | HR |