









High Resistance to Aphanomyces Race 2

Enhanced Multi-Race Resistance, \* Aphanomyces Race 2 +

 ${\it FF\,42.A3\,Alfalfa\,comparison\,testing\,by\,Forage\,Genetics\,International}$ 

## FF 42.A3 Helps PROTECT AGAINST the Following Symptoms:

- Periodic red leaves stress response
- Short top growth with small leaves
  - Dark brown diseased crowns
    - Minimal lateral roots
      - Short thin roots

FF 42.A3 has significantly healthier root, crown, stem and leaf vigor in severe Aphanomyces soils

## ALFALFA YIELD COMPARISONS **HARVEST** # 0F # OF STATION **YIELD YIELD VARIETY YEARS CUTS YEARS** (LBS/ACRE) INDEX (%) FF 42.A3 2016-'19 40 12 12.182.3 116 VARIETY A 2016-'19 40 12 10,551.4 100 VARIETY B 12 2016-'19 40 10,749.1 102

## MILK YIELD COMPARISONS

VARIETY	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	MILK/ACRE (LBS/ACRE)	% OF COMPETITOR CHECK(S)
FF 42.A3	2016-'19	11	4	27,136.0	116
COMPETITOR CHECK(S)	2016-'19	11	4	23,470.5	105
LOCATION: WEST SALEM WIL					

LOCATION: WEST SALEM, WI

MILK PER ACRE VALUES CALCULATED USING THE UNIVERSITY OF WISCONSIN ALFALFA/GRASS EVALUATION SYSTEM - MILK 2006

<sup>\*</sup> Includes Race 1 and Race 2 protection, along with Anthracnose Race 5, which was recently confirmed by USDA's Agricultural Research Service. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

