

## W-L Alfalfas latest non-dormant release of HarvXtra® Alfalfa in FD9

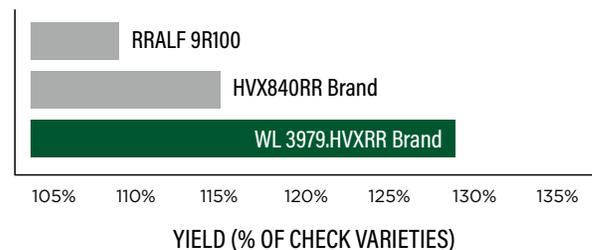
WL 3979.HVXRR Brand is the latest release in the W-L HarvXtra® Alfalfa lineup, offering exciting harvest flexibility accomplished by reduced lignin content for FD9 growers.

### WL 3979.HVXRR Brand Advantages

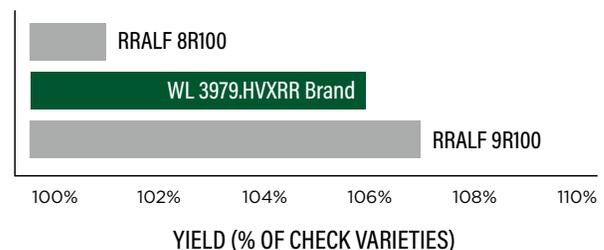
- Winter-active, non-dormant FD=9.0
- HarvXtra® Alfalfa gives growers the ability to better manage the yield-versus-quality trade-off, offering more flexibility in cutting schedule to achieve improved forage quality or greater yield potential when compared to conventional alfalfa at the same stage of maturity
- The HarvXtra® Alfalfa technology provides unprecedented flexibility by widening cutting windows, which gives growers the option at each cutting to:
  1. Maintain their normal harvest schedules for higher-quality forage, **or**
  2. Delay harvest for 5-7 days for increased yield potential, without sacrificing forage quality, compared to conventional alfalfa at the same stage of maturity
- HarvXtra® Alfalfa has on average 12-14% less lignin and 8-10% higher neutral detergent fiber digestibility (NDFD) than conventional alfalfa harvested at the same stage of maturity
- HarvXtra® Alfalfa is stacked with the Roundup Ready® Technology for unsurpassed weed control with excellent crop safety

### WL 3979.HVXRR Brand Outyields the Competition\*

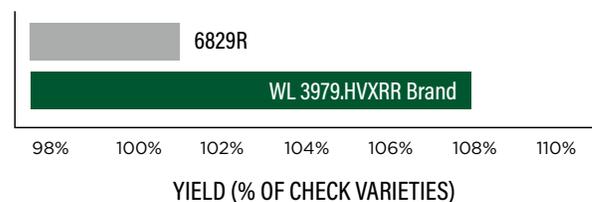
#### LOS BANOS, CA 2018



#### DAVIS, CA 2018



#### MARICOPA, AZ 2018

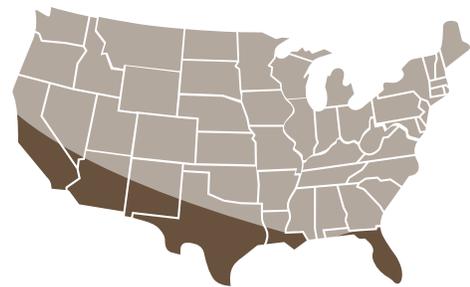


AGRONOMIC TRAITS	
Fall Dormancy	9.0
Stand Persistence	Excellent
Early Seeding Vigor	Excellent
Recovery After Harvest	Fast
Leaf Retention	Excellent
Plant Color	Dark Green
Salt Tolerance	Germination

PEST RESISTANCE TRAITS	
Bacterial Wilt	Moderate Resistance
Fusarium Wilt	High Resistance
Verticillium Wilt	Resistance
Anthracnose (Race 1)	High Resistance
Phytophthora Root Rot	High Resistance
Pea Aphid	High Resistance
Spotted Alfalfa Aphid	High Resistance
Stem Nematode	Resistance

## Planting WL 3979.HVXRR Brand utilizing the Roundup Ready® weed control system provides many benefits over conventional herbicide programs

- Exceptional weed control at both stand establishment and in established stands means fewer weeds and higher-quality hay and haylage
- Exceptional crop safety at all growth stages with the Roundup Ready® weed control system
- Recommended 1st glyphosate application at 1st-3rd trifoliolate stage to provide early weed control on new seedlings and lower seedling mortality
- The simplicity of using a single herbicide (Roundup®) provides optimal weed control with no need to tank mix
- Flexibility in timing of application allows growers utilizing the Roundup Ready® system to spray when necessary; no carryover or crop rotation limitations
- Minimal wait (5 days) after Roundup® application before haying/feeding



Area of Primary Adaptation

\* Results are based on controlled field trials at the listed W-L Alfalfas location. Results may vary and are dependent on factors outside of W-L Alfalfa's control, such as weather. Yield, profit and other results cannot be predicted or guaranteed by W-L Alfalfas.

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In the following states, purchase and use of HarvXtra® Alfalfa with Roundup Ready® Technology is subject to a Seed and Feed Use Agreement, requiring that products of this technology can only be used on farm or otherwise be used in the United States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. In addition, due to the unique cropping practices do not plant HarvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

HarvXtra® Alfalfa with Roundup Ready® Technology has pending import approvals. GROWERS MUST DIRECT ANY PRODUCT PRODUCED FROM HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY SEED OR CROPS (INCLUDING HAY AND HAY PRODUCTS) ONLY TO UNITED STATES DOMESTIC USE. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product.

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