



WL 336HQ.RR

FD3

DORMANT

EXCEPTIONAL YIELD POTENTIAL WITH SUPERB WINTERHARDINESS

Satisfying the needs of shorter-season growers, WL 336HQ.RR combines solid yield potential with industry-leading winterhardiness, all backed with the “HQ” high-quality forage designation. WL 336HQ.RR is an ideal pick for dairy, beef, or cash hay growers looking to maximize profit potential while utilizing the Roundup Ready® weed control system in alfalfa.

WL 336HQ.RR Advantages

- Superb yield potential under 2-, 3- to 4-cut harvest management systems
- Quick regrowth in a FD3, that delivers potential for high yields and long stand life
- Very winterhardy (WH=1.0); WL 336HQ.RR delivers excellent cold tolerance even under harsh weather conditions
- The HQ brand is proven to “hold” forage quality over a longer period of time; WL 336HQ.RR promotes higher forage quality and greater harvest flexibility when harvest is delayed
- A very high disease resistance index (DRI) of 34/35 and strong resistance to insects and nematodes provide for solid yield potential and long stand life across a wide range of soil types and climates
- Dark green, fine-stemmed and highly digestible
- Improved salt tolerance of germinating seeds similar to tolerant check
- Outstanding winterhardiness allows intensive harvest management for maximum quality and yield potential without sacrificing stand life in Northern Plains, Upper Midwest, Northeast or Pacific Northwest regions

HQ™

Roundup Ready®
ALFALFA

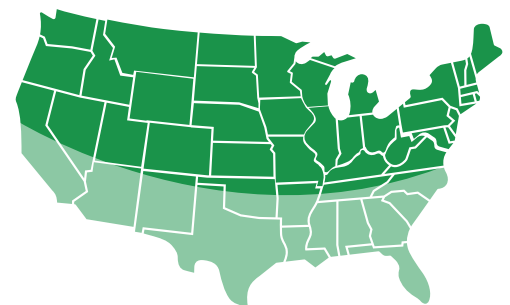
AGRONOMIC TRAITS

Maturity	Medium
Fall Dormancy	3.2
Winterhardiness	1.0
Digestibility	Excellent
Persistence Index	Very High
Recovery After Harvest	Very Fast
Standability	Excellent
Traffic Tolerance	Very Good
Multileaf Expression	High
Disease Resistance Index	34/35

PEST RESISTANCE TRAITS

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

HR = HIGH RESISTANCE R = RESISTANT MR = MODERATE RESISTANCE



Planting WL 336HQ.RR alfalfa and utilizing the Roundup Ready® weed control system provides many benefits over conventional herbicide programs

- Weed control at both stand establishment and in established stands means fewer weeds and higher quality hay and haylage, which can result in more milk and beef per acre
- Superior crop safety at all growth stages provides increased yield potential in both the establishment and subsequent years
- The simplicity of using a single herbicide (Roundup®) provides superior weed control with no need to tank-mix; one herbicide does it all
- Flexibility in timing of application allows growers to spray when necessary; no carryover or crop rotation limitations
- Minimal wait (5 days) after Roundup® application before haying/feeding

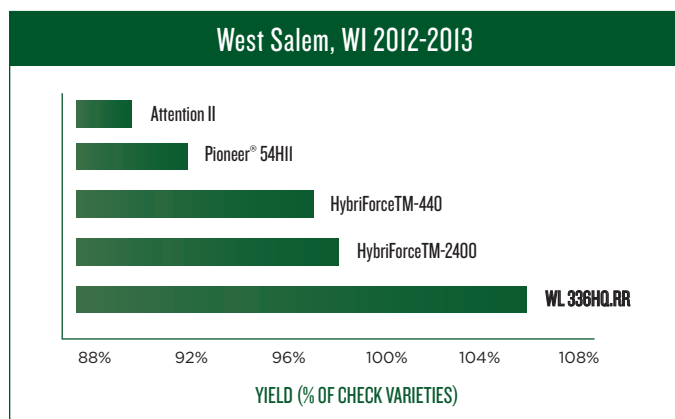
Forage Quality*

Variety	CP	IVTD	RFQ
WL 336HQ.RR	21.0	77.0	159
HybriForce-2400	19.9	74.7	144
Attention II	20.3	74.8	152
54HII	20.1	73.9	136

CP= Crude Protein IVTD = In Vitro True Digestibility RFQ = Relative Forage Quality

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

WL 336HQ.RR Outyields the Competition*



For more information visit wresearch.com. 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 and Roundup Ready® Alfalfa in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. As of June 2017, HarvXtra® Alfalfa with Roundup Ready® Technology and Roundup Ready® Alfalfa have 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. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. 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. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

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