

# WL 454HQ.RR

FD6

## EXCEPTIONAL YIELD POTENTIAL AND OUTSTANDING HAY QUALITY

### WL 454HQ.RR Advantages

- Intermediate dormant FD=6.7
- Outstanding yield potential under 5-, 6-, and 7-cut harvest managements
- Highly resistant to all major aphid pests
- Highly resistant/resistant to all major nematode pests
- WL 454HQ.RR promotes higher feed intake, improved milk production, and greater profitability when fed
- Ideal intermediate variety for the cash hay producer: WL 454HQ.RR has consistently produced big yields of leafy, fine-stemmed hay with dark green color and high %TDN
- Very strong disease resistance package (including HR to Phytophthora Root Rot and Fusarium wilt; R to Verticillium wilt and Anthracnose) promotes fast seedling establishment and long stand life

### WL 454HQ.RR: The Hay Quality Leader

Woodland, CA

VARIETY	% CP	RFQ*	% TDN
<b>WL 454HQ.RR</b>	<b>23.5</b>	<b>185</b>	<b>63.7</b>
CW 704	22.0	173	62.5
HybriForce-620	21.3	157	61.6
GR100	21.1	152	61.2
Amerileaf 721	20.9	150	60.9

\*Relative Forage Quality

### Planting WL 454HQ.RR and Utilizing the Genuity® Roundup Ready® Weed Control System Provides Many Benefits Over Conventional Herbicide Programs

- Unmatched weed control both when establishing new stands and in established stands means fewer weeds and higher quality hay, which can result in higher %TDN and greater profit potential
- Superior crop safety at all growth stages with the Genuity® Roundup Ready® weed control system can deliver thicker stands and higher yields for the life of stand
- Flexibility in timing of herbicide application allows alfalfa producers 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



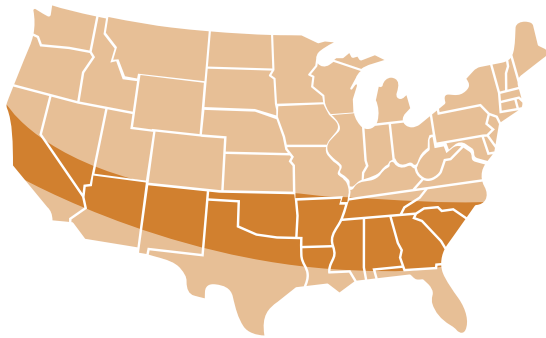
### W-L RESEARCH

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# HQ™





**AREA OF PRIMARY ADAPTATION**

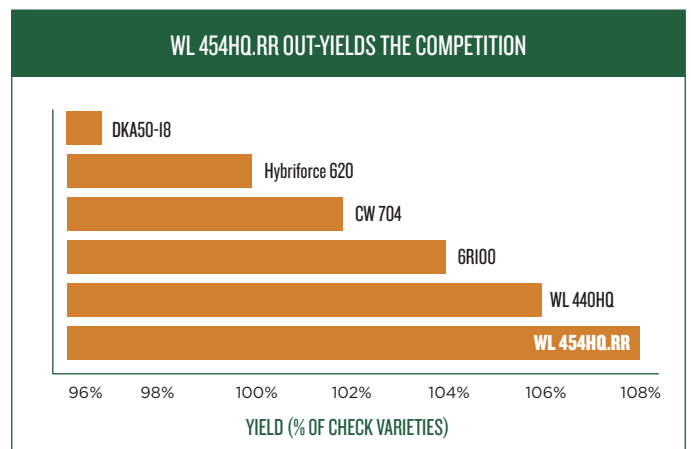
### WL 454HQ.RR Delivers More Tons of Weed-Free Hay

Outstanding yield potential and superior feed value make WL 454HQ.RR the variety of choice for cash hay and dairy producers looking for a FD6 alfalfa that maximizes production and profit potential in their operations while utilizing the breakthrough benefits of the Roundup Ready® weed control system.

#### AGRONOMIC TRAITS

<b>Fall Dormancy</b>	<b>6.7</b>
Winter Activity	Moderate
Digestibility/Feed Value	Superior
Hay Quality (%TDN)	Excellent
Multifoliolate Expression	Very High
Persistence Index	Very High
Aphid Resistance Index	15/15
Recovery After Harvest	Very Fast
Wet Soil Tolerance	Excellent
Traffic Tolerance	Very Good
Standability	Excellent

#### WL 454HQ.RR OUT-YIELDS THE COMPETITION



#### PEST RESISTANCE TRAITS

Bacterial Wilt	R
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora Root Rot	HR
Verticillium Wilt	R
<b>Stem Nematode</b>	<b>HR</b>
Pea Aphid	HR
Spotted Alfalfa Aphid	HR
<b>Blue Alfalfa Aphid</b>	<b>HR</b>

HR = HIGH RESISTANCE R = RESISTANT

SEMI-DORMANT



Genuity® Roundup Ready® Alfalfa seed is available for sale and distribution by authorized Seed Companies or their dealers for use in the United States only. This seed may not be planted outside of the United States, or for the production of seed, or sprouts.

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity and Design®, Genuity Icons, Genuity®, Roundup Ready®, and Roundup® are trademarks of Monsanto Technology LLC.