



WL 454HQ.RR

FD6

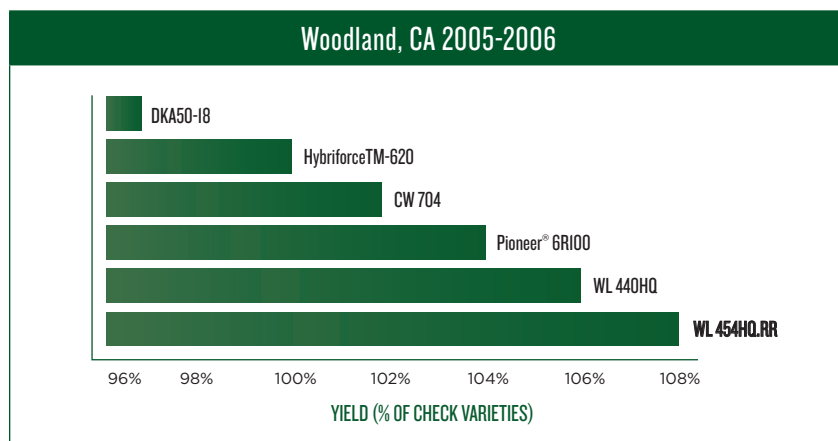
SEMI-DORMANT

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 to all major nematode pests
- WL 454HQ.RR promotes optimized feed intake, milk production, and greater profit potential 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 feed value
- 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 Outyields the Competition*



* 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.



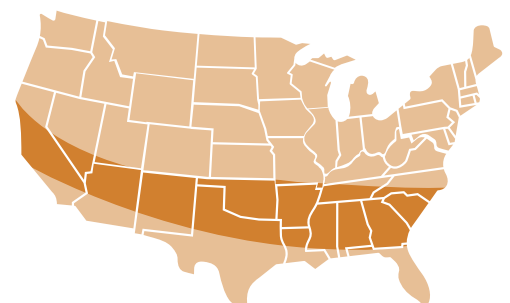
AGRONOMIC TRAITS

Fall Dormancy	6.7
Winter Activity	Moderate
Digestibility/Feed Value	Superior
Multifoliolate Expression	Moderate
Persistence Index	Very High
Aphid Resistance Index	15/15
Recovery After Harvest	Very Fast
Standability	Excellent
Traffic Tolerance	Very Good

PEST RESISTANCE TRAITS

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

HR = HIGH RESISTANCE R = RESISTANT



Planting WL 454HQ.RR Alfalfa and Utilizing the 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 forage quality and greater profit potential
- Superior crop safety at all growth stages with the 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

WL454HQ.RR: A Hay Quality Leader*

Variety	CP	RFQ
WL 454HQ.RR	23.5	185
CW 704	22.0	173
HybriForce™-620	21.3	157
Pioneer® 6RI00	21.1	152
Amerileaf 721	20.9	150

CP = Crude Protein RFQ = Relative Forage Quality

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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.

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.

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