

RRALF 8R100



RRALF 8R100 advantages:

- Resistance to the Roundup® brand of agricultural herbicides.
- Fall dormancy for RRALF 8R100 was measured in forage yield trials in California.
- High resistance (HR) or resistance (R) to eight major alfalfa diseases and pests.
- RRALF 8R100 demonstrates strong potential to deliver higher feed intake, improved milk production, and greater profitability when fed.
- Ideal non-dormant variety for the cash hay producer.
- RRALF 8R100 consistently produces big yields of leafy, fine-stemmed hay with dark green color and high % TDN.
- Outstanding persistence and long stand life.
- Very strong disease resistance package (including HR to Phytophthora root rot, Spotted alfalfa aphid, and Southern root knot nematode).
- Excellent tolerance to leaf diseases delivers improved leaf retention, higher protein levels, and greater % TDN.

Planting RRALF 8R100 alfalfa with the Roundup Ready® weed control system provides many benefits compared to conventional herbicide programs:

- Unmatched weed control at both stand establishment and in established stands means fewer weeds and higher quality hay and haylage. This results in more milk per ton fed and higher % TDN when tested.
- Superior crop safety with the Roundup Ready weed control system delivers increased yield potential in both the establishment year and subsequent years.
- The simplicity of using a single herbicide (Roundup) provides superior weed control with no need to tank-mix.
- Flexibility in timing of application allows growers utilizing the Roundup Ready system in alfalfa the ability to spray when necessary. There are no crop rotation limitations.
- All commercial seed lots have been tested to confirm that more than 90% of the plants carry the Roundup Ready trait.
- The Roundup Ready Alfalfa (RRA) system eliminates crop rotation limitation associated with in-crop use of persistent herbicides.
- Roundup agricultural herbicides control more weeds than other conventional herbicides labeled for use in alfalfa and result in no plant stunting.
- Monsanto backs its technologies after planting, protecting your Monsanto trait investment. If your RRA fails to make an acceptable stand within 60 days of initial planting, you may qualify to receive a refund of the technology royalty on the original RRA seed planting.



RRALF 8R100 Delivers Exceptional Yield Potential

Outstanding yield potential and unbeatable feed value makes RRALF 8R100 an excellent choice for cash hay and dairy producers looking to maximize production and profitability while utilizing the breakthrough benefits of the Roundup Ready® weed control system. RRALF 8R100 was developed using advanced breeding techniques to ensure this variety is as good as or better than elite commercial varieties currently available.

Forage yield potential of RRALF 8R100 was compared to popular commercial varieties in multiple location trials. Yields are reported as a percent of the combined check varieties at Shafter and a percent of the means at UC Kearney.

Variety	Shafter, Calif.	UC Kearney
RRALF 8R100	110	104
WL525 HQ	106	103
WL625 HQ	107	110
58N57	97	105
CUF 101	96	94
WL 711	101	91
ABI 721	99	94



 Area of Primary Adaptation

Pest Resistance Traits

Bacterial wilt	R
Fusarium wilt	R
Verticillium wilt	—
Anthracnose	R
Phytophthora root rot	HR
Spotted alfalfa aphid	HR
Pea aphid	HR
Blue alfalfa aphid	HR
Stem nematode	MR
Root knot nematode (Southern)	HR

Agronomic Traits

Fall dormancy	8.5
Stand persistence	Very High
Recovery after harvest	Fast
Wet soil tolerance	Very High

HR = High Resistance, R = Resistance, MR = Moderate Resistance, — = Not Tested

Based on the decision of the U.S. Department of Agriculture (USDA) on January 27, 2011, 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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Roundup Technology® includes Monsanto's glyphosate-based herbicide technologies. 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®, Roundup Technology®, Roundup UltraMAX®, Roundup WeatherMAX and Design®, Roundup®, and Transorb and Design® are trademarks of Monsanto Technology LLC. ©2011 Monsanto Company.



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