

ALFALFA

Key Advantages

- Shows superior disease and pest resistance to provide a broad adaptability under varying stressful environments, including dryland, irrigated and saturated soils under intense management situations
- Forage quality is above average with a high leaf-to-stem ratio. Salt tolerance at germination provides enhanced establishment success.
- Disease resistance package greatly promoting establishment and in-crop performance
- Very winterhardy (WH=2.0); 4218R delivers persistence under adverse weather and soil conditions

Roundup Ready Alfalfa Benefits

Planting 4218R 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, which can result in more milk per ton fed and higher RFQ
- Optimal crop safety at all growth stages with 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 optimal weed control with no need to tank mix
- Flexibility in timing of application allows growers utilizing Roundup Ready® system to spray when necessary; no carryover or crop rotation limitations
- Minimal wait (5 days) after Roundup® application before haying/feeding



Research picture showing Roundup sprayed on the left plot. Conventional herbicide on the right plot. Same Roundup Ready® variety on both sides. Better weed control and no crop injury on the left.

Disease Characteristics

Dormancy	4.2
Winter Hardiness	2
Anthracoese	HR
Phytophthora Root Rot	HR
Aphanomyces (race 1)	HR
Aphanomyces (race 2)	R
Bacterial Wilt	HR
Fusarium Wilt	HR
Verticillium Wilt	HR
Pea Aphid	R
Spotted Aphid	R
Stem Nematode	HR
Digestibility	Excellent
Recovery After Harvest	Very Fast
Standability	Excellent
Multileaf Expression	Very High
Disease Resistance Index	34/35

DISEASE/PEST RESISTANCE KEY

HR = Highly Resistant
R = Resistant

FALL DORMANCY KEY

1-9, with 1 being most dormant and 9 being least dormant



Roundup Ready® weed control side by side in a commercial field



This is for your information only. Please note ratings and descriptions of products are based on research and field observations from multiple locations and years. **Performance may vary** from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of those conditions on the grower's field. Always read and follow IRM, where applicable, grain marketing, stewardship practices, and pesticide label directions



Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting. Roundup Ready® Alfalfa has pending import approvals. 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. Visit www.ForageGenetics.com/legal for the full legal, stewardship and trademark statements for these products..