

C448 Brand

Fall Dorm 4.4

- One of the few alfalfa varieties that is highly resistant to aphanomyces root rot Race 2
- Excellent winterhardiness, wet soil tolerance and traffic tolerance that all help give this variety outstanding persistence even under tough growing conditions
- Very fast recovery after cutting gives potential for high yields with frequent cutting schedule

AGRONOMIC CHARACTERISTICS

Fall Dormancy	4.4
Recovery Rate	1
Disease Resistance Index	35/35
Winter Hardiness	1.8
Forage Yield Potential	1
Forage Quality	2

DISEASE RATINGS

Bacterial Wilt	HR
Verticillium Wilt	HR
Fusarium Wilt	HR
Anthraxnose	HR
Phytophthora Root Rot	HR
Aphanomyces R1	HR
Spotted Alfalfa Aphid	HR
Pea Aphid	HR
Blue Alfalfa Aphid	S
Stem Nematode	Not Tested
Northern Root Knot Nematode	Not Tested
Southern Root Knot Nematode	Not Tested

RATINGS KEY

Field and weather conditions may vary from area to area. The ratings in the charts are to be used as guidelines only. The limitations of warranty and liability on each bag of seed are part of the terms of sale thereof.

Rating System: 1 = Excellent, 9 = Poor, - = data is insufficient at this time, NR = Not Recommended

Disease Rating Index: 30= Best

Winter Hardiness: 1=Noreseman, 2=Vernal, 3=Ranger, 4=Sarac, 5=DuPuits, 6=Lahontan, 7=Mesilla, 8=Moapa 69, 9=CUF101

Disease Ratings: HR= Highly Resistant, R= Resistant, MR=Moderate Resistance, LR=Low Resistance, S=Susceptible, NA=No Data Available

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. In the following states, use of HarvXtra® Alfalfa with Roundup Ready® Technology is subject to a Seed and Feed Use Agreement, noting that 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 in Imperial County, California, pending import approval in China and until Forage Genetics International, LLC (FGI) grants express permission for such planting. 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 product purchaser to confirm their buying position for this product.

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Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for cultivation in the U.S. and Canada, and for import in Australia/New Zealand, Colombia, China, Japan, Korea, Mexico, Taiwan, and Vietnam. The single events in this product have been approved for import in the EU. As of February 2, 2016, E.U. stack approval is in the final stage of approval and is expected but not guaranteed to be received in the near future. 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 www.biotradestatus.com for any updated information on import country approvals.

Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

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