

6439HVXR

HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY

- The first genetically enhanced alfalfa developed to maximize quality —15-20% increase in RFQ over conventional check varieties.
- Offers excellent harvest flexibility for optimal balance of quality and yield.
- Has shown a 20% reduction in lignin vs. competitive checks thus a greater RFQ of 20% and 17% higher NDFD.
- Top choice for poorly drained soils.
- Features industry leading UltraCut™ alfalfa disease package that offers enhanced protection against evolving Aphanomyces¹ strains and our patented Anthracnose² technology.



Agronomic Features

Fall Growth	Dormant
Stand Persistence	Very Good
Early Seedling Growth	Very Good
Drought Stress	Very Good
Recovery After Cutting	Fast
Forage Quality	Excellent
Salt Tolerance	Germination

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Anthracnose (Race 5) ²	Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	High Resistance
Evolving Aphanomyces Strains ¹	High Resistance
Disease Rating Index	39/40

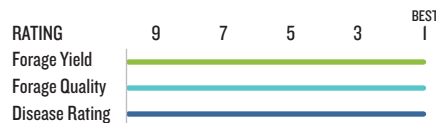
Pest Resistance

Pea Aphid	Resistance
Spotted Aphid	Resistance
Stem Nematode	Resistance

¹Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

²Includes race 1 protection, along with Anthracnose Race 5 protection, which is patented by FGI.

Fall Dormancy: 4.4 / Winter Hardiness: 1.6



Variety Yield Performance: East

Variety	Multi-Year % of Checks
6439HVXR	108
54Q29	102
54HVX42	99
AFX 579	99
54HVX4I	97
L-45IAPH2+	96
HYBRIFORCE-3400	93

Data from FGI Trials in Wisconsin, Iowa and Pennsylvania from 2019-2022

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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 in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

HarVxtra® Alfalfa with Roundup Ready® Technology has pending import approvals. 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. 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.

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