

6442HVXR

HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY

- Building on 6441HVXR with improved UltraCut disease package, cold tolerance, persistence and HarvXtra alfalfa forage quality.
- 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 potential.
- Top choice for poorly drained soils.
- Features industry leading UltraCut® alfalfa disease package that offers high resistance to Aphanomyces¹ strains and Anthracnose Race 5².



HARVXTRA
with Roundup Ready® Technology

ULTRACUT
Alfalfa Disease Package

Agronomic Features

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

Disease & Pest Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Anthracnose (Race 5) ²	High 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
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance
Disease Rating Index	40/40

Variety Performance

VARIETY	Multi-Year YLD % of Checks	NDFD % Ck	Milk lbs/Ac % Ck
6442HVXR	124	110	130
54HVX4I	111	111	120
54QR04	110	98	106
HybriForce-3400	86	102	90
Hi-Gest 360	81	102	85

Boone, IA 2018-2019. Results are based on controlled field trials at the listed Forage Genetics International (FGI) locations. Results may vary and are dependent on factors outside of FGI's control, such as weather. Yield, profit and other results cannot be predicted or guaranteed by FGI.

Fall Dormancy: 4.4 / Winter Hardiness: 2.2



Variety Performance

VARIETY	Multi-Year YLD % of Checks	NDFD % Ck	Milk lbs/Ac % Ck
6442HVXR	111	110	125
54Q29	108	99	105
54HVX42	100	105	107
L-45IAPH2+	99	98	96
HybriForce-3420 Wet	96	102	101
HybriForce-4400	84	106	91

West Salem, WI 2021-2023. Results are based on controlled field trials at the listed Forage Genetics International (FGI) locations. Results may vary and are dependent on factors outside of FGI's control, such as weather. Yield, profit and other results cannot be predicted or guaranteed by FGI.

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.

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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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