



ALFALFA

HARVXTRA WITH ROUNDUP READY TECHNOLOGY

	Fall Dormancy 1	Winterhardness 2	Yield Index	Persistence Index	Feed Quality Index 3	Grazing Tolerance	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	Aphanomyces Race 1	Aphanomyces Race 2	Enhanced Multi-Race	Bacterial Wilt	Anthraxnose	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Salt Germination Tolerance 4
HVX MEGATRON	4.2	1.7	1	1	H2	4	2	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	R	R	G

CONVENTIONAL ALFALFA

	Fall Dormancy 1	Winterhardness 2	Yield Index	Persistence Index	Feed Quality Index 3	Grazing Tolerance	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	Aphanomyces Race 1	Aphanomyces Race 2	Enhanced Multi-Race	Bacterial Wilt	Anthraxnose	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Salt Germination Tolerance 4
LEGENDARY AA	3.4	1.1	1	1	1	3	1	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	R	HR	G
REBOUND AA	4.4	1.7	1	1	2	4	2	1	HR	HR+	HR+	HR+	HR	HR+	HR	HR	R	R	G

KEY

Scale

- 1 = Excellent
- 2 = Above average
- 3 = Average
- 4 = Below average
- 5 = Fair

Product descriptions and ratings are generated from Answer Plot® trials and/or from the genetics supplier and may change as additional data is gathered.

Resistance Ratings

- S** = Susceptible (0–5%)
- LR** = Low resistance (6–14%)
- MR** = Moderate resistance (15–30%)
- R** = Resistance (31–51%)
- HR** = High resistance (>50%)
- HR+** = Highest resistance available on the market (>50%)

1 Fall Dormancy

- A higher FD number = higher yield potential
- More dormant = better forage quality

2 Winterhardness

- A lower WH number = more cold tolerance and stand persistence

3 Feed Quality Index

- Feed quality ratings for HarvXtra® are represented on a separate scale than Roundup Ready® and conventional alfalfa varieties and are signified with an "H." Because there is a significant improvement in forage quality, HarvXtra alfalfa products can only be compared to other HarvXtra alfalfa products.

4 Salt Germination Tolerance

- G** = Variety tolerance for germination under high saline conditions in petri dish tests
- F** = Variety tolerance for forage growth under high saline conditions as a potted plant in the greenhouse

Note: Field tests are currently being used to select and validate true salt-tolerant varieties. Many soils that are high in salinity also have other problematic conditions. Therefore, germination and forage salt-tolerant ratings may not predict field performance.