PRODUCT	Fall Dormancy	Winterhardiness	Yield Index	Persistence Index	Feed Quality Index [1]	Grazing Tolerance	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	Potato Leafhopper	Aphanomyces Root Rot Race 1	Aphanomyces Root Rot Race 2
HarvXtra® Alfalfa												
HVX TUNDRA II	3.3	1.2	2	1	H1	3	1	3	HR	-	HR	R
HVX MEGATRON X	4.3	1.9	1	1	H2	4	2	1	HR	-	HR+	HR+
HVX MEGATRON AA	4.4	1.4	1	1	1	4	2	1	HR	-	HR+	HR+
HVX 620RR BRAND	6	-	2	2	H3	5	1	1	HR	-	R	-
HVX 940RR	9.0	-	2	1	H3	5	1	1	HR	-	-	-
Roundup Ready® Alfalfa												
GRAZE N HAY 3.10RR	2.9	1.8	3	1	3	1	1	4	HR	-	HR	-
RR PRESTEEZ 2.0	3.3	1.0	2	1	1	3	1	2	HR	-	HR	R
RR VAMOOSE	3.9	1.8	3	1	3	2	1	4	HR	HR	HR	-
RR APHATRON AA	4.4	1.3	1	1	2	4	2	1	HR	-	HR+	HR+
RR APHATRON 2XT	4	1.5	2	1	2	4	2	1	HR	-	HR	HR
MP4000RR BRAND	4	2.0	3	3	3	3	2	3	HR	-	R	-
RR SALTIVA	5	2.5	1	2	3	4	1	1	HR	-	HR	R
RR 6 SHOT PLUS	6	-	1	2	3	4	1	1	HR	-	R	-
RR DESERT ROSE 2.0	8.3	-	1	2	3	5	1	1	HR	-	R	-

KEY

Scale
1 = Excellent
2 = Strong
3 = Acceptable
4 = Manage
5 = Not Recommended

[1] Feed Quality Index

Feed quality ratings for HarvXtra® Alfalfa 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.

[2] Salt Tolerance

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

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%)

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.

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

PRODUCT	Aphanomyces Root Rot Enhanced Multi-Race (EMR)	Bacterial Wilt	Anthracnose Race 1	Anthracnose Multi Race	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Blue Alfalfa Aphid	Stem Nematode	Northern Root-Knot Nematode	Salt Germination Tolerance [2]	Disease Resistance	Insect Resistance	Nematode Resistance
HarvXtra® Alfalfa															
HVX TUNDRA II	R	HR	HR	-	HR	HR	-	R	-	R	-	G	3	4	3
HVX MEGATRON X	HR+	HR	HR+	R	HR	HR	R	R	-	R	-	G	2	4	3
HVX MEGATRON AA	HR+	HR	HR+	HR+	HR	HR	R	HR	-	R	-	G	1	3	3
HVX 620RR BRAND	-	MR	R	-	HR	-	HR	HR	MR	R	-	-	4	2	3
HVX 940RR	-	MR	HR	-	HR	R	HR	HR	-	R	-	G	3	2	3
Roundup Ready® Alfalfa															
GRAZE N HAY 3.10RR	-	HR	HR	-	HR	HR	R	-	-	-	-	G	3	4	5
RR PRESTEEZ 2.0	-	HR	HR	-	HR	HR	R	R	-	R	-	G	3	2	4
RR VAMOOSE	-	HR	HR	-	HR	HR	R	MR	-	MR	-	G	3	3	4
RR APHATRON AA	HR+	HR	HR+	HR+	HR	HR	R	R	-	R	-	G	1	3	-
RR APHATRON 2XT	R	HR	HR	-	HR	HR	-	HR	-	R	-	G	3	3	3
MP4000RR BRAND	-	HR	R	-	HR	HR	-	-	-	-	-	-	4	5	5
RR SALTIVA	-	HR	HR	-	HR	HR	R	HR	MR	HR	-	G	3	1	1
RR 6 SHOT PLUS	-	R	HR	-	HR	HR	HR	HR	-	HR	-	G	4	2	1
RR DESERT ROSE 2.0	-	R	R	-	R	-	HR	HR	R	HR	-	G	4	1	3

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PRODUCT	Fall Dormancy	Winterhardiness	Yield Index	Persistence Index	Feed Quality Index 1	Grazing Tolerance	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	Potato Leafhopper	Aphanomyces Root Rot Race 1	Aphanomyces Root Rot Race 2
Conventional												
MAXI GRAZE®	2	2.0	3	1	3	1	1	4	HR	-	R	-
MP 1000 BRAND	4	2.0	3	3	3	3	2	3	HR	-	R	-
LEGENDAIRY X	3.4	1.0	2	2	1	3	1	2	HR	-	HR	-
LEGENDAIRY AA	3.4	1.1	1	1	1	3	1	1	HR	-	HR+	HR+
TRAILBLAZER XHH	4	2.0	3	3	3	4	1	3	HR	HR	HR	R
REBOUND X	4	2.0	2	2	2	2	2	1	HR	-	HR	R
REBOUND AA	4.4	1.7	1	1	2	4	2	1	HR	-	HR+	HR+
GUNNER AA	4.8	1.2	1	1	2	4	1	1	HR	-	HR+	HR+
NIMBUS 2.0	5	2.0	1	2	2	4	1	1	HR	-	HR	-
ARTESIAN SUN 6.3	6	3.1	1	2	3	4	1	1	HR	-	HR	-
SUN TITAN	8.4	-	1	1	2	5	1	1	HR	-	-	-

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PRODUCT	Aphanomyces Root Rot Enhanced Multi-Race (EMR)	Bacterial Wilt	Anthracnose Race 1	Anthracnose Multi Race	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Blue Alfalfa Aphid	Stem Nematode	Northern Root-Knot Nematode	Salt Germination Tolerance ②	Disease Resistance	Insect Resistance	Nematode Resistance
Conventional															
MAXI GRAZE®	-	HR	R	-	HR	R	-	-	-	-	-	-	4	5	5
MP 1000 BRAND	-	HR	HR	-	HR	R	-	-	-	-	-	-	4	5	5
LEGENDAIRY X	-	HR	HR	-	HR	HR	R	HR	-	R	-	G	3	2	3
LEGENDAIRY AA	HR+	HR	HR+	HR+	HR	HR	R	HR	-	R	-	G	1	2	3
TRAILBLAZER XHH	-	HR	HR	-	HR	HR	R	HR	R	-	-	-	3	2	5
REBOUND X	-	HR	HR	-	HR	HR	-	-	-	R	-	-	2	3	3
REBOUND AA	HR+	HR	HR+	HR+	HR	HR	R	R	-	R	-	G	1	3	3
GUNNER AA	HR+	HR	HR+	HR+	HR	HR	R	HR	-	HR	-	G	1	3	1
NIMBUS 2.0	-	HR	HR	-	HR	HR	R	HR	-	HR	HR	G	3	3	1
ARTESIAN SUN 6.3	-	R	HR	-	HR	HR	-	HR	-	HR	-	G	3	3	1
SUN TITAN	-	MR	R	-	HR	MR	HR	HR	HR	HR	HR	G	5	1	1

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