

BRAND

HarvXtra® Alfalfa

	Fall Dormancy	Winterhardness	Yield Index	Persistence Index	Feed Quality Index	Grazing Tolerance 1	Baled Hay (Drydown)	Haylage (Regrowth)	Phytophthora Root Rot	Potato Leafhopper	Aphanomyces Race 1	Aphanomyces Race 2	Aphanomyces Enhanced Multi-Race (EMR)	Bacterial Wilt	Anthracnose Race 1	Anthracnose Multi-race	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Blue Alfalfa Aphid	Pea Aphid	Northern Root-Knot Nematode	Salt Germination Tolerance	Disease Resistance 2	Insect Resistance	Nematode Resistance		
HVX TUNDRA II	3.3	1.2	2	1	H1	3	1	3	HR	-	HR	R	R	HR	HR	-	HR	HR	-	R	-	R	-	G	3	4	3	
HVX MEGATRON X	4.3	1.9	1	1	H2	4	2	1	HR	-	HR+	HR+	HR+	HR	HR+	R	HR	HR	R	R	-	R	-	G	2	4	3	
HVX MEGATRON AA	4.4	1.4	1	1	H2	4	2	1	HR	-	HR+	HR+	HR+	HR	HR+	HR+	HR	HR	R	HR	-	R	-	G	1	3	3	
HVX 620RR BRAND	6.0	-	2	2	H3	5	1	1	HR	-	R	-	-	MR	R	-	HR	-	HR	HR	-	R	-	-	-	4	2	3
HVX 840RR BRAND	7.9	-	2	1	H3	5	1	1	R	-	-	-	-	R	R	-	R	-	R	HR	-	R	-	-	-	4	2	3

Roundup Ready® Alfalfa

GRAZE N HAY 3.10RR	2.9	1.8	3	1	3	1	1	4	HR	-	HR	-	-	HR	HR	-	HR	HR	R	-	-	-	-	G	3	4	5	
RR PRESTEEZ 2.0	3.3	1.0	2	1	1	3	1	2	HR	-	HR	R	-	HR	HR	-	HR	HR	R	R	-	R	-	G	3	2	4	
RR VAMOOSE	3.9	1.8	3	1	3	2	1	4	HR	HR	HR	-	-	HR	HR	-	HR	HR	R	MR	-	MR	-	G	3	3	4	
MP4000RR BRAND	4.0	2.0	3	3	3	3	2	3	HR	-	R	-	-	HR	R	-	HR	HR	-	-	-	-	-	-	-	4	5	5
RR APHATRON 2XT	4.0	1.5	2	1	2	4	2	1	HR	-	HR	HR	R	HR	HR	-	HR	HR	-	HR	-	R	-	G	3	3	3	
RR APHATRON AA	4.4	1.4	1	1	2	4	2	1	HR	-	HR+	HR+	HR+	HR	HR+	HR+	HR	HR	R	R	-	-	-	G	1	3	-	
RR SALTIVA	4.8	2.5	1	2	3	4	1	1	HR	-	HR	-	-	HR	HR	-	HR	HR	R	HR	MR	HR	-	G	3	1	1	
RR TONNICA	5.0	2.0	2	2	3	4	1	1	HR	-	HR	-	-	HR	HR	-	HR	HR	-	R	-	R	-	G	3	4	3	
RR 6 SHOT PLUS	6.0	-	1	2	3	4	1	1	HR	-	R	-	-	R	HR	-	HR	HR	HR	HR	-	HR	-	G	4	2	1	
RR DESERT ROSE 2.0	8.3	-	1	2	3	5	1	1	HR	-	R	-	-	R	R	-	R	-	HR	HR	-	HR	-	G	4	1	3	

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.

BRAND
Conventional

BRAND	Fall Dormancy	Winterhardness	Yield Index	Persistence Index	Feed Quality Index	Grazing Tolerance ¹	Baled Hay (Drydown)	Haylage (Drydown)	Phytophthora Root Rot	Potato Leafhopper	Aphanomyces Race 1	Aphanomyces Race 2	Aphanomyces Enhanced Multi-Race (EMR)	Bacterial Wilt	Anthracnose Race 1	Anthracnose Multi-race	Fusarium Wilt	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Blue Alfalfa Aphid	Northern Root-Knot Nematode	Stem Nematode	Salt Germination Tolerance	Disease Resistance ²	Insect Resistance	Nematode Resistance		
MAXI GRAZE®	2.0	2.0	3	1	3	1	1	4	HR	-	R	-	-	HR	R	-	HR	R	-	-	-	-	-	-	-	-	4	5	5
MP 1000 BRAND	3.0	3.0	3	3	3	3	2	3	HR	-	R	-	-	HR	HR	-	HR	R	-	-	-	-	-	-	-	-	4	5	5
LEGENDAIRY AA	3.4	1.1	1	1	1	3	1	1	HR	-	HR+	HR+	HR+	HR	HR+	HR+	HR	HR	R	HR	-	R	-	G	1	2	3		
TRAILBLAZER XHH	4.0	3.0	3	3	3	4	1	3	HR	HR	HR	-	-	HR	HR	-	HR	HR	R	HR	R	-	-	-	-	3	2	5	
REBOUND AA	4.4	1.7	1	1	2	4	2	1	HR	-	HR+	HR+	HR+	HR	HR+	HR+	HR	HR	R	R	-	R	-	G	1	3	3		
GUNNER AA	4.8	1.2	1	1	2	4	1	1	HR	-	HR+	HR+	HR+	HR	HR+	HR+	HR	HR	R	HR	-	HR	-	G	1	3	1		
NIMBUS 2.0	5.0	2.0	1	2	2	4	1	1	HR	-	HR	-	-	HR	HR	-	HR	HR	R	HR	-	HR	HR	G	3	3	1		
ARTESIAN SUN 6.3	6.0	3.1	1	2	3	4	1	1	HR	-	HR	-	-	R	HR	-	HR	HR	-	HR	-	HR	-	G	3	3	1		
SUN TITAN	8.4	-	1	1	2	5	1	1	HR	-	-	-	-	MR	R	-	HR	MR	HR	HR	HR	HR	HR	-	G	5	1	1	

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.