

ALFALFA

ALFALFA CHARACTERISTICS

PRODUCT	BREEDING CLASS	ROOT TYPE	FALL DORMANCY	CHARACTERISTICS							DISEASES											
				FORAGE YIELD	FORAGE QUALITY	EARLY SEEDLING GROWTH	SPRING VIGOR	REGROWTH AFTER CUTTING	DROUGHT STRESS	TRAFFIC TOLERANCE	APHANOMYCES ROOT ROT RACE 1	APHANOMYCES ROOT ROT RACE 2	ANTHRACNOSE	PHYTOPHTHORA ROOT ROT	FUSARIUM WILT	VERTICILLIUM WILT	BACTERIAL WILT	STEM NEMATODE	NORTHERN ROOT KNOT NEMATODE	SOUTHERN ROOT KNOT NEMATODE		
HybriForce-4400™	Gen-4 Hybrid	Tap	4	1	2	1	1	1	1	1	HR	R	HR	HR	HR	HR	HR	HR	MR	-	-	-
HybriForce-4420/WET™	Gen-4 Hybrid	Branch	4	1	2	1	1	1	1	1	HR	HR	HR	HR	HR	HR	HR	HR	-	-	-	-
HybriForce-3420/WET™	Gen-3 Hybrid	Branch	4	2	2	1	1	2	1	1	HR	HR	HR	HR	HR	HR	HR	HR	R	R	-	-
HybriForce-3430™	Gen-3 Hybrid	Tap	4	2	1	1	1	2	1	1	HR	R	HR	HR	HR	HR	HR	HR	HR	R	-	-
Magnum 8™	Non-Hybrid	Tap	4	2	2	2	2	2	2	1	HR	R	HR	HR	HR	HR	HR	HR	R	R	-	-
Magnum 8-WET™	Non-Hybrid	Branch	4	2	2	1	2	2	2	1	HR	HR	HR	HR	HR	HR	HR	HR	MR	-	-	-
Magnum 7™	Non-Hybrid	Tap	4	3	2	2	2	2	2	1	HR	R	HR	HR	HR	HR	HR	HR	HR	HR	HR	R
Magnum Salt™	Salt Tolerant	Branch	4	5	2	3	4	3	2	2	R	-	R	HR	HR	HR	HR	HR	HR	HR	HR	R
Multi-Strain™* Brand	Non-Hybrid	Tap	4	5	3	4	5	4	4	4	MR	-	R	HR	HR	R	HR	-	-	-	-	-
Durastan™* Brand	Non-Hybrid	Tap	4	6	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-
Magna 100RR™* Brand	Roundup Ready®	Tap	4	3	3	3	3	3	3	3	HR	HR	HR	HR	HR	HR	HR	HR	-	-	-	-

RATING SCALE

Rated 1 to 9, 1 = Excellent; - = Not rated

NOTE: Ratings are based on replications of data generated by Dairyland Seed and Corteva Agriscience. These ratings serve as a guide for selection and management of products. Individual product responses may vary depending on growing environment.

CODES

HR = High Resistance
R = Resistance
MR = Moderate Resistance

* Multi-Strain, Durastan and Magna 100RR are Dairyland Seed's brand names and varieties are not stated.

¹In 2017 - 2022 HybriForce-4400™ was grown in 816 Dairyland Seed on-farm HAY (Hybrid Alfalfa Yield) plot comparisons across ND, SD, MN, IA, WI, IL, IN and MI with a yield advantage of 7.1% across all cuts at all locations in the first three years of production against competitive alfalfas, excluding 2020 seeded plots. Hybrid responses are variable and subject to any number of environmental, disease and pest pressures.

²In over 5 years of research testing, our combined data from internal and 3rd party trials show HybriForce-4400™ with more than a 5% yield advantage when compared to HybriForce-3400.™

HybriForce-4400

GEN-4 HYBRID ALFALFA

OUR HIGHEST-YIELD POTENTIAL TAP-ROOT HYBRID ALFALFA

- Gen-4 hybrid alfalfa using msSunstra® Hybrid Alfalfa Technology
- 7.1% yield advantage¹ against competitors in 816 head-to-head, side-by-side comparisons
- 5% higher yielding² than HybriForce-3400™ in over 5 years of research testing
- Outstanding yield potential in the establishment year
- Racehorse-style of hybrid alfalfa with excellent disease protection
- Broadly adaptive alfalfa that excels in a wide range of environments
- Tall, dense, leafy hybrid alfalfa with fine stems
- Resistance to Aphanomyces root rot race 2



HybriForce-4420/WET

GEN-4 BRANCH-ROOTED HYBRID ALFALFA

RAISES THE YIELD POTENTIAL FOR WET SOILS

- Gen-4 hybrid alfalfa using msSunstra® Hybrid Alfalfa Technology
- Our best branch-root alfalfa for tough establishment
- Excellent 35/35 disease resistance rating
- Outstanding yield potential in the seeding year
- Tall, dense, leafy hybrid alfalfa with fine stems
- Highly resistant to Aphanomyces root rot race 1 & 2
- Exhibits unique ability to modify root structure to match conditions



HybriForce 3420/WET

GEN-3 HYBRID ALFALFA
BRANCH-ROOTED

HIGH-YIELDING BRANCH-ROOTED ALFALFA

- Gen-3 hybrid alfalfa using msSunstra® Hybrid Alfalfa Technology
- Exhibits unique ability to modify root structure to match conditions
- Awesome yield potential in the establishment year
- Outstanding persistence and winter survival
- Excellent leaf-to-stem ratio for high quality forage
- Designed and bred to handle high stress environments



HybriForce 3430

GEN-3 HYBRID ALFALFA

HI-GEST® HYBRID ALFALFA FOR IMPROVED FORAGE QUALITY

- Gen-3 hybrid alfalfa using msSunstra® Hybrid and Hi-Gest® Alfalfa Technology
- Our best alfalfa for high quality forage
- High milk per acre in delayed cutting situations
- Exceptional yield potential while maintaining quality
- Produces fine-stemmed palatable forage
- Excellent disease resistance



Hi-Gest
ALFALFA
TECHNOLOGY

MAGNUM 8

IMPRESSIVE YIELD POTENTIAL

- Unique ability to produce high yields across multiple environments
- Exhibits high levels of resistance to most alfalfa diseases
- Highly digestible forage resulting in high RFQ scores
- Offers consistency in both yield and forage quality
- Resistance to Aphanomyces root rot race 2

MAGNUM 8-WET

BRANCH-ROOTED NON-HYBRID GENETICS

- Outstanding disease resistance rating of 35/35
- Highly resistant to Aphanomyces root rot race 1 & 2
- Grows very aggressively in the seeding year with great yields
- Excellent yield potential and stand persistency
- Very good establishment in challenging wet conditions

MULTI-STRAIN™ BRAND

- Great genetics at a reasonable price
- Reliable
- Excellent seed quality
- Best choice for good performance at an economical price

DURASTAN™ BRAND

- Value priced
- Economically priced for your marginal soils
- Backed by our quality assurance program

MAGNUM 7

HIGH YIELDING NON-HYBRID GENETICS

- Great forage quality potential with a wide harvest window
- Consistent performance
- Excellent disease resistance
- Scores very well for winter survival and persistence
- Resistance to Aphanomyces root rot race 2

MAGNUM SALT

SALT TOLERANT ALFALFA

- Selected and bred from saline soils in North Dakota
- Very good forage yield potential
- Exhibits high level of the branch-rooted trait
- Able to thrive in wet soils

MAGNA 100RR™ BRAND

- Roundup Ready® alfalfa
- Good disease resistance
- Very winterhardy
- High resistance to Aphanomyces root rot race 1 & 2
- Early season weed control with glyphosate herbicides helps improve establishment success

