

SEED | 20 GUIDE | 26



 **NEXGROW**[®]



HarvXtra® Alfalfa is one of the most advanced alfalfa traits in the industry, giving you flexibility — not limits. It does this by modifying the amount of lignin in the alfalfa plant beyond what is possible with conventional alfalfa breeding. This gives you the ability to maintain harvest for higher-quality forage or extend harvest to optimize yield potential without sacrificing quality.

HarvXtra® Alfalfa with Roundup Ready® technology is now available in NEXGROW® 6442HVXR and 6957HVXR. HarvXtra® alfalfa with Roundup Ready® technology gives you unprecedented flexibility by widening cutting windows. This gives you the ability to better manage the yield-versus-quality trade-off. It also adds unsurpassed weed control with Roundup Ready® technology.

- Choose to maintain your current harvest schedule for higher quality forage, OR
- Delay harvest a few days for increased tonnage potential without sacrificing forage quality.

HarvXtra® Alfalfa with Roundup Ready® Technology

NEXGROW® alfalfa offers HarvXtra® alfalfa with Roundup Ready® Technology. The HarvXtra® Alfalfa with Roundup Ready Technology trait puts you back in charge of your cutting schedule. A flexible cutting window makes it easier to manage your operation, but that isn't all it does for you. Maintain a normal harvest schedule and achieve higher forage quality than with conventional varieties at the same stage of maturity or delay harvest up to 10 days for higher yield potential without sacrificing quality.



Roundup Ready® Alfalfa Varieties

A critical component to a strong crop is a weed-free field. Along with conventional varieties, NEXGROW® alfalfa offers one of the industry's leading portfolios of alfalfa varieties with Roundup Ready® technology. Look for trusted varieties like 6423R and 6517R.ST for help achieving a weed-free field.



Seed Treatment

All alfalfa varieties offered by NEXGROW® alfalfa include seed treatment options to optimize germination, nodulation and promote early-season health and root development – allowing more seedlings to survive and reach their full genetic potential.

Disease and Pest Protection

NEXGROW varieties like 6442HVXR, 6423R, 6453Q, 6306Q and 6526Q that include our UltraCut® alfalfa disease package offer growers the ability to help protect yield and quality potential. NEXGROW alfalfa also provides the latest generation of potato leafhopper resistance with excellent agronomic performance, and operates a premier alfalfa development program for the selection of stem nematode resistant varieties.



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.

ALFALFA TRAITS

Seed Guide Page Number	Fall Dormancy	Winterhardiness	Stand Persistence	Early Seeding Growth	Recovery After Cutting	Drought Stress	Forage Quality	Leafiness	Bacterial Wilt	Verticillium Wilt	Fusarium Wilt	Anthracnose (Race 1)	Anthracnose (Race 5) ²	Aphanomyces Root Rot	Aphanomyces Strains ¹	Disease Index Rating	Pea Aphid	Spotted Aphid	Leafhopper Yellowing	Stem Nematode	Salt Tolerance
HarvXtra® Alfalfa with Roundup Ready® Technology																					
6442HVXR	7	4.4	2.2	D	EX	VG	VG	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	G
6441HVXR	8	4.4	1.6	D	VG	VG	VG	F	EX	VH	HR	HR	HR	HR	R	HR	HR	HR	HR	HR	G
6957HVXR	9	9.0	N/A	ND	EX	EX	EX	F	EX	H	MR	R	HR	HR	—	HR	—	—	—	—	G
Roundup Ready® Alfalfa																					
6374R	10	3.3	1.0	D	EX	VG	EX	MF	EX	VH	HR	HR	HR	HR	—	HR	HR	R	—	34/35	G
6423R	11	4.3	1.4	D	EX	VG	VG	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	G
6427R	12	4.1	1.0	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	—	HR	HR	R	—	34/35	G
6430R	13	4.0	2.0	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	—	HR	HR	R	—	34/35	G
NEXTECT™ RR	14	4.0	2.0	D	VG	VG	VG	MF	VG	—	HR	HR	HR	R	—	HR	R	—	—	28/30	—
6517R.ST	15	5.1	VH	D	VG	EX	VG	VF	EX	—	HR	HR	HR	HR	—	HR	HR	HR	HR	HR	G
6720R	16	7.3	N/A	SD	EX	EX	VG	VF	EX	—	R	R	R	HR	—	HR	HR	—	—	—	G
6830R	17	8.3	N/A	ND	VG	EX	G	VF	EX	—	R	R	R	R	—	HR	R	—	—	—	G
6903R	18	9.3	N/A	ND	VG	EX	G	VF	VG	H	R	R	HR	HR	—	HR	R	—	—	—	G
Conventional Alfalfa																					
Spredor 5	19	1.9	1.0	D	EX	VG	EX	MF	VG	H	HR	HR	HR	HR	—	HR	HR	R	—	34/35	G
6306Q	20	3.4	1.1	D	EX	VG	EX	MF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	G
6453Q	21	4.4	1.6	D	EX	EX	VG	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	G
6402N	22	4.4	1.8	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	—	HR	R	—	—	29/30	G
6450Q	23	4.0	2.0	FD	VG	EX	VG	VF	EX	VH	HR	HR	HR	HR	—	HR	HR	R	—	34/35	G
6480H	24	3.9	2.0	D	VG	EX	EX	VF	VG	H	HR	HR	HR	HR	—	HR	HR	R	—	34/35	G
6526Q	25	5.0	1.8	D	EX	EX	G	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	G
6907N	26	9.4	N/A	ND	EX	EX	G	VF	VG	H	R	R	HR	R	—	HR	—	—	—	—	G

Resistance Ratings

S	Susceptible (0–5%)
LR	Low Resistance (6–14%)
MR	Moderate Resistance (15–30%)
R	Resistance (31–51%)
HR	High Resistance (>50%)

Agronomic Ratings

G	Good
VG	Very Good
EX	Excellent

Winterhardiness

H	Hardy
VH	Very Hard

Fall Growth

D	Dormant
ND	Non-Dormant
SD	Semi-Dormant

Recovery After Cutting

MF	Moderately Fast
F	Fast
VF	Very Fast

Salt Tolerance

G	Germination
F	Forage

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.

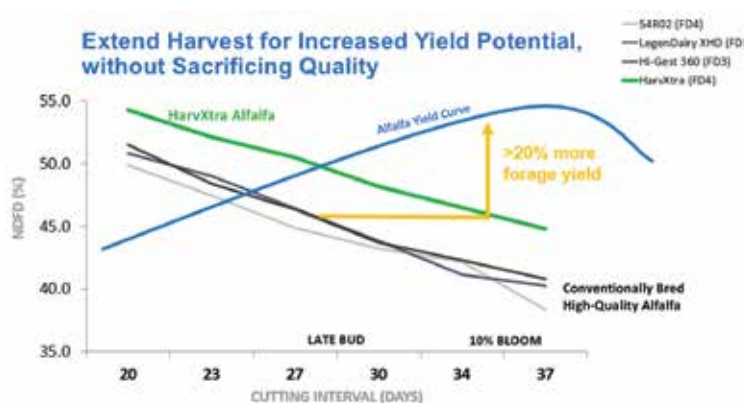
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HARVXTRA® ALFALFA

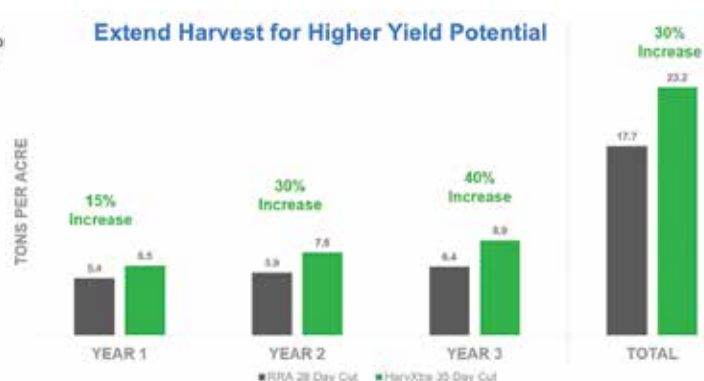
AN ALFALFA THAT GIVES YOU OPTIONS. NOT LIMITS.

The genetically enhanced HarvXtra® technology fundamentally changes the relationship between forage quality and stage of maturity by modifying lignin content (ADL) beyond what is possible with conventional breeding techniques.

OPTION 1



2015 and 2016 data. 4 locations: PA, WI, ID, WA.



2013 seeding, 2014, 2015, 2016 data. West Salem, WI.

OPTION 2



Fewer cuttings have the potential for more yield over time, increased persistence, and lower harvest costs.

The HarvXtra® Alfalfa trait lets growers delay harvest for up to 10 days to increase tonnage without sacrificing forage quality.

By reducing the amount of lignin in the plant, the HarvXtra® Alfalfa trait technology fundamentally changes the relationship between forage quality and stage of maturity. Less acid detergent lignin (ADL) and higher neutral detergent fiber digestibility (NDFD) improves digestibility and can command a higher price per ton come harvest.

To learn more about HarvXtra® alfalfa with Roundup Ready® technology, visit harvxtra.com.

SEED TREATMENTS & COATINGS

TREATMENT PACKAGE OFFERINGS

Standard Treatment Options	Description	Stamina*	Mefenoxam	Inoculant	Optimize® Gold	Micronutrients	OMRI Listed
GROZONE® GOLD 34% Nutrient Coat	COS	X	X	X	X	X	NO
Special Order Treatment Options* (40 BAG MINIMUM ORDER)	Description	Stamina*	Mefenoxam	Inoculant	Optimize® Gold	Micronutrients	OMRI Listed
34% Organic Coat (Available on select products)	OC			X			YES
GROZONE® GOLD 8% Coat	COS8	X	X	X	X	x	NO
Mefenoxam (Apron/Anchor)/Inoculant	AN		X	X			NO

*Special order options are only available on select products. Please consult with your alfalfa provider. Minimum order quantities and charges apply. No returns on special order products.

ADVANTAGES OF GROZONE® GOLD SEED TREATMENT PACKAGE

BETTER EMERGENCE IN WET OR DRY CONDITIONS

- Micronutrients surrounding the seed increases germination and emergence
- Controls early season diseases that attack new seedlings in wet environments

OPTIMAL NODULE FORMATION FOR IMPROVED NITROGEN FIXATION

- Unique mix of Rhizobium strains improves nodulation and promotes nitrogen-fixation

OPTIMAL STAND ESTABLISHMENT

- Root and shoot development is enhanced and independent of soil conditions
- Improved plant health with multi-season benefits of greater yield potential
- Smooth finish and uniform seed size improves planting accuracy
- Ideal for reduced tillage

PROPRIETARY GROZONE® PACKAGE DETAILS:

Grozone® Gold with LCO Promoter Technology® for Alfalfa

- When present at the time of planting, LCO Promoter Technology® enables your crop to achieve its full genetic potential by enhancing nutritional capabilities that drive natural growth processes, maximizing plant health and crop performance.

Stamina® (Pyraclostrobin) Fungicide

- Protects seed and new seedlings from fungal disease and enhances plant health, especially under tough soil conditions with elevated disease pressure. May result in higher germination rates, increased nodulation, healthier roots and larger plants.

Inoculant

- Specially selected natural rhizobia strains (pre-inoculant) result in high levels of nitrogen fixation for maximum yield potential.

Mefenoxam

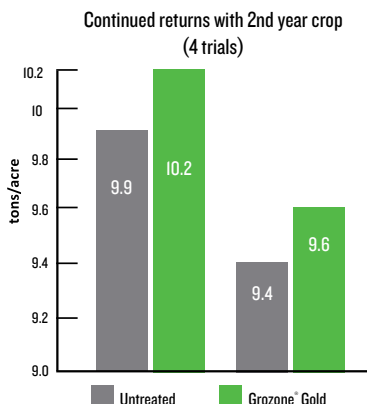
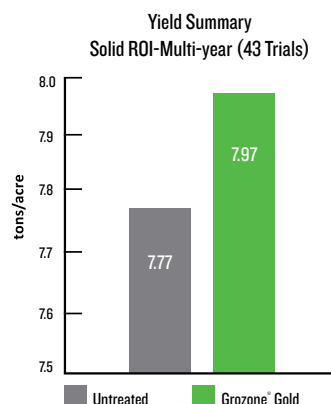
- Protects against seedling damping-off diseases, especially in cool wet soils.

Micronutrients

- Assists in early vigor and stand establishment.

Protective Coating

- Coating keeps beneficial products close to the seed, provides better seed to soil contact, attract water for better moisture absorption and transfer to seed for germination, and better stands due to higher seed-to-seedling success rates.



STAMINA® FUNGICIDE BENEFITS

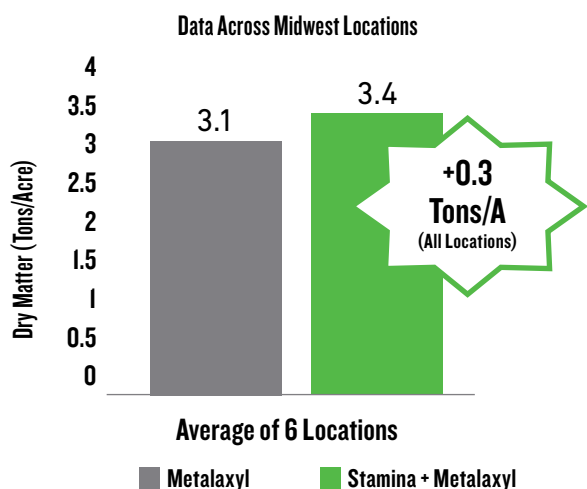
WHY USE STAMINA® FUNGICIDE?

- Powered by F500® fungicide, the same active ingredient that is in Headline® fungicide
- Stamina® is a broad spectrum, seed-applied fungicide that provides suppression of seed and emerging seedling disease caused by these target diseases:
 - *Aphanomyces euteiches*
 - *Rhizoctonia solani*
 - *Fusarium* spp.
 - *Phytophthora medicaginis*
- Seed treated with Stamina® can result in:
 - A healthy stand with fast developing plants
 - Increased forage yield potential
 - Rapid and increased emergence of seedlings even under certain cold conditions



Seedlings inoculated with (A) *Aphanomyces euteiches* Race 1, (B) *Aphanomyces euteiches* Race 2 (C) *Phytophthora medicaginis*. Stamina applied at 3.1 fl oz/cwt & metalaxyl applied at 0.91 fl oz/cwt. 2011 Laboratory test conducted by an independent third party researcher.

Summary of Alfalfa Forage Yield, Seeding Year



Stamina applied at 3.1 fl oz/cwt. Metalaxyl applied at 0.91 fl oz/cwt. 2013 replicated trials conducted in West Salem, WI.



Alfalfa spring seeded May 6, 2013. Photos taken on June 29, 2013 in West Salem, WI. 54 Days After Seeding. Stamina 3.1 fl oz/cwt, metalaxyl 0.91 fl oz/cwt.

ULTRACUT®

ALFALFA DISEASE PACKAGE



ULTRACUT® DISEASE PACKAGE PROMOTES PLANT HEALTH AND YIELD POTENTIAL

SEE THE DIFFERENCE IN YOUR FIELD.

NEXGROW® Alfalfa varieties with the UltraCut® disease package can help producers get healthier and more productive alfalfa crops. Its protection can help deliver an advantage through improved agronomic performance and yield potential. Crown, stem and root diseases can cause significant impact on alfalfa yield, quality and persistence. The UltraCut® Disease Package enables strong stand establishment through

unmatched seedling genetic disease resistance, especially in field conditions susceptible to yield-robbing Anthracnose and Aphanomyces disease strains. UltraCut® disease package is built on several decades of industry-leading persistence breeding (yield over time). The persistence in UltraCut® disease package varieties can help growers to realize higher yield potential over multiple years.

**PROMOTES
PLANT HEALTH**

**STAND
ESTABLISHMENT**

**YIELD
POTENTIAL**

**DISEASE
RESISTANCE**

See healthier stands and more yield in your fields* by planting varieties with the UltraCut® Disease Package.



UltraCut® alfalfa disease package varieties (in the middle) compared to susceptible competitive check varieties (on outsides), Photo taken at FGI Research Facility, June 2018, West Salem, WI

*Compared to varieties without the UltraCut alfalfa disease package in fields with disease pressure.

NOTES:

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.

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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.

Visit www.ForageGenetics.com/legal for the full legal, stewardship and trademark statements for these products.

6441HVXR

HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY

- 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.
- Has shown a 20% reduction in lignin vs. competitive checks thus a greater RFQ of 20% and 17% higher NDFD.
- Features industry leading UltraCut® alfalfa disease package that offers enhanced protection against evolving Aphanomyces¹ strains and our patented Anthracnose² technology.



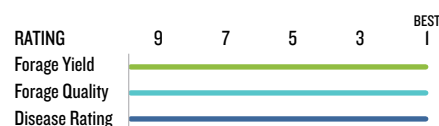
Agronomic Features

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

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Anthracnose (Race 5) ²	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
Disease Rating Index	39/40

Fall Dormancy: 4.4 / Winter Hardiness: 1.6



Pest Resistance

Pea Aphid	Resistance
Spotted Aphid	Resistance
Stem Nematode	Resistance

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.

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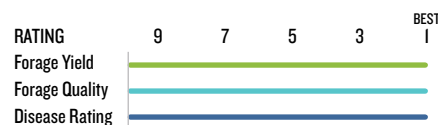
6957HVXR

LATEST NON-DORMANT RELEASE OF HARVXTRA® ALFALFA IN FD9

- Winter-active, non-dormant FD=9.0.
- HarvXtra® Alfalfa gives growers the ability to better manage the yield-versus-quality trade-off. It offers more flexibility in cutting schedule to achieve improved forage quality or greater yield potential, when compared to conventional alfalfa at the same stage of maturity.
- The HarvXtra® technology provides unprecedented flexibility by widening cutting windows, which gives growers the option at each cutting to:
 - » Maintain their normal harvest schedules for higher-quality forage, or
 - » Delay harvest for 5-7 days for increased yield potential, without sacrificing forage quality, compared to conventional alfalfa at the same stage of maturity.
- Non-dormant HarvXtra® Alfalfa has on average 12-14% less lignin and 8-10% higher neutral detergent fiber digestibility (NDFD) than conventional alfalfa harvested at the same stage of maturity.
- HarvXtra® Alfalfa is stacked with the Roundup Ready® Technology for unsurpassed weed control with excellent crop safety.



Fall Dormancy: 9



Agronomic Features

Stand Persistence	Excellent
Early Seeding Vigor	Excellent
Recovery After Harvest	Fast
Leaf Retention	Excellent
Plant Color	Dark Green
Salt Tolerance	Germination

Disease Tolerance

Bacterial Wilt	Moderate Resistance
Fusarium Wilt	High Resistance
Verticillium Wilt	Resistance
Anthraco nose (Race I)	High Resistance
Phytophthora Root Rot	High Resistance

Pest Resistance

Pea Aphid	High Resistance
Spotted Aphid	High Resistance
Stem Nematode	Resistance

Product Yield Performance

Product	Multi-Year % of Checks
6957HVXR	129
HVX840RR	111
RRALF 9R100	109
6829R	91

Data from FGI Trials in Los Banos, CA from 2019-2021

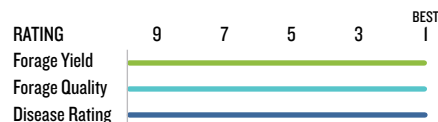
6374R

SOLID YIELD POTENTIAL AND EXCEPTIONAL WINTERHARDINESS IN SHORTER GROWING SEASONS

- Quick regrowth in a FD3, that delivers potential for high yields and long stand life.
- Extremely winterhardy (WH=1.0); delivers excellent cold tolerance even under harsh weather conditions.
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 3.3 / Winter Hardiness: 1.0



Agronomic Features

Fall Growth	Dormant
Digestibility	Excellent
Standability	Excellent
Multileaf Expression	High
Recovery After Cutting	Moderately Fast
Salt Tolerance	Germination

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthraxnose (Race I)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race I)	High Resistance
Aphanomyces Root Rot (Race 2)	Resistance
Disease Rating Index	34/35

Pest Resistance

Pea Aphid	Resistance
Spotted Aphid	Resistance
Stem Nematode	Resistance

Product Yield Performance: East

Product	Multi-Year % of Checks
6374R	108
54R02	104
54V09	103

Data from FGI Trials in West Salem, WI from 2015-2017

Product Yield Performance: West

Product	Multi-Year % of Checks
6374R	111
54R02	104
CONSISTENCY 4.10RR	99
WL 355RR	97

Data from FGI Trials in Nampa, ID from 2015-2017

6423R

TOP ULTRACUT® ALFALFA DISEASE PACKAGE VARIETY IN THE ROUNDUP READY® LINEUP WITH EXTREME COLD TOLERANCE

- Highly resistant to multiple races of Aphanomyces for protection during establishment and early season cool and wet soil conditions
- Highly resistant to multiple races of Anthracnose for protection during warm and humid weather conditions
- Top choice for heavy, compacted and saturated soils
- Extremely winterhardy providing superb cold tolerance
- Salt tolerance at germination
- High multifoliate expression for maximum quality
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



ULTRA//CUT®
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 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
Disease Rating Index	40/40

Pest Resistance

Pea Aphid	High Resistance
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance

Fall Dormancy: 4.3 / Winter Hardiness: 1.4



Product Yield Performance: East

Product	Multi-Year % of Checks
6423R	113
54VR10	108
6424R	105
54Q29	102
AFX 579	98
HYBRIFORCE-3420/WET	97
L-451APH2+	96
HYBRIFORCE-4400	91

Data from FGI Trials in West Salem, WI from 2022-2024

Product Yield Performance: West

Product	Multi-Year % of Checks
6423R	108
54VR10	104
AFX 579	103
54Q29	99
HYBRIFORCE-4400	84
TUG-OF-WAR	78

Data from FGI Trials in Nampa, ID from 2023-2024

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.

6427R

TOP YIELD POTENTIAL VARIETY WITH HIGH RESISTANCE TO STEM NEMATODES

- High tolerance to salt at germination.
- Replaces Mutiny with better winterhardiness.
- High multifoliate expression for maximum quality.
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 4.1 / Winter Hardiness: 1.0

Agronomic Features

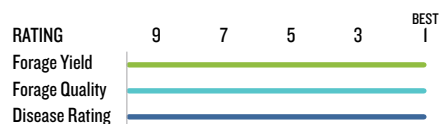
Fall Growth	Fall Dormant
Stand Persistence	Excellent
Early Seedling Growth	Very Good
Drought Stress	Very Good
Recovery After Cutting	Fast
Forage Quality	Excellent
Salt Tolerance	Germination

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	Resistance
Disease Rating Index	34/35

Pest Resistance

Pea Aphid	Resistance
Spotted Aphid	Resistance
Stem Nematode	High Resistance



Product Yield Performance: West

Product	Multi-Year % of Checks
6427R	107
54QR04	100
54R02	100
55VR05	101

Data from FGI Trials in Touchet, WA from 2015-2017

6430R

ROUNDUP READY® FD 4 WITH IMPROVED DISEASE AND PEST RESISTANCE

- Combines a fall dormancy rating of 4.0 with a winterhardiness score of 2.0 for optimum persistence and high yield potential.
- Highly resistant to all six major alfalfa diseases—Phytophthora Root Rot, Bacterial Wilt, Fusarium Wilt, Anthracnose (Race 1), Aphanomyces (Race 1), and Verticillium Wilt.
- Resistant to Aphanomyces Root Rot (Race 2) and Stem Nematode providing both establishment and in-season disease and pest protection.
- Good stress tolerance for dryland, irrigated and saturated soils under intense management situations.
- Forage quality is above average with a high leaf-to-stem ratio.
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 4.0 / Winter Hardiness: 2.0



Agronomic Features

Recovery After Harvest	Fast
Average Stand Life	Medium
Salt Tolerance	Germination

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	Resistance
Disease Rating Index	34/35

Pest Resistance

Pea Aphid	Resistance
Stem Nematode	Resistance

NEXTECT™ RR

EXCEPTIONAL QUALITY FOR AN EXCEPTIONAL VALUE

- An economical Roundup Ready® alfalfa blended for dependable forage yield potential and good quality
- Good winterhardiness and pest package with resistance to key diseases
- Moderate to fast recovery after cutting for optimum yield potential

UTILIZING THE ROUNDUP READY® WEED CONTROL SYSTEM PROVIDES MANY BENEFITS

- Weed control at both stand establishment and in established stands means fewer weeds and higher quality hay and haylage
- Optimal crop safety at all growth stages provides increased yield potential in both the establishment and subsequent years
- Flexibility in timing of application allows growers to spray when necessary; no carryover or crop rotation limitations
- Minimal wait (5 days) after Roundup® application before haying/feeding



Fall Dormancy: 4 / Winter Hardiness: 2



Agronomic Features

Cuttings/Season	3-5
Stand Persistence	Very Good
Early Seedling Growth	Very Good
Drought Stress	Very Good
Recovery After Cutting	Moderate to Fast
Forage Quality	Very Good

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race I)	Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race I)	Resistance
Disease Rating Index	28/30

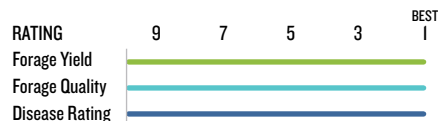
6517R.ST

STEP CHANGE IN YIELD POTENTIAL AND FORAGE QUALITY

- High resistance to Stem Nematode.
- Building on 6516R's success with multiple generations of salt tolerance breeding.
- Highly resistant to multiple races of Aphanomyces Root Rot providing protection during both establishment and in-season disease stress conditions.
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 5.1 / Winter Hardiness: Very Hardy



Agronomic Features

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

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracoese (Race 1)	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
Disease Rating Index	35/35

Pest Resistance

Pea Aphid	High Resistance
Spotted Aphid	High Resistance
Stem Nematode	High Resistance

Product Yield Performance: West

Product	Multi-Year % of Checks
6517R.ST	114
55VR08	105
54VR10	102

Data from FGI Trials in Burley, ID from 2021-2023

6720R

NEXT GENERATION WITH EXCELLENT YIELD POTENTIAL AND FORAGE QUALITY

- Excellent combination of yield potential and forage quality.
- Strong agronomic package in a fall dormancy 7.
- Yield protection with High Stem Nematode Resistance
- Provides salt tolerance at critical stages in plant development.
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 7.3



Agronomic Features

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

Disease Tolerance

Bacterial Wilt	Resistance
Verticillium Wilt	Resistance
Fusarium Wilt	Resistance
Anthrachnose (Race I)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race I)	High Resistance

Pest Resistance

Pea Aphid	High Resistance
Spotted Alfalfa Aphid	Resistance
Blue Alfalfa Aphid	Resistance
Stem Nematode	High Resistance

Product Yield Performance: West

Product	Multi-Year % of Checks
6720R	105
WL 454HQ.RR	103
HYBRIFORCE-3600	99
HI-GEST 660	98
RRALF 6R200	96

Data from FGI Trials in California from 2021-2023

6830R

IMPROVED SALT TOLERANCE AND STRONG APHID RESISTANCE IN THE ROUNDUP READY® LINEUP

- Improved salt tolerance of germinating seeds over 6829R.
- Strong aphid resistance.
- Combination of salt tolerance and high resistance to Phytophthora Root Rot provides improved establishment success.
- The Roundup Ready® Alfalfa trait provides optimal weed control, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 8.3



Agronomic Features

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

Disease Tolerance

Bacterial Wilt	Resistance
Verticillium Wilt	Resistance
Fusarium Wilt	Resistance
Anthracnose (Race I)	Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race I)	Resistance

Pest Resistance

Pea Aphid	High Resistance
Spotted Aphid	High Resistance
Blue Alfalfa Aphid	Resistance
Stem Nematode	High Resistance

Product Yield Performance: West

Product	Multi-Year % of Checks
6830R	134
RRALF 9R100	113
6829R	98

Data from FGI Trials in Los Banos, CA from 2021-2023

6903R

NEW ROUNDUP READY® NON DORMANT

- Strong performance in the presence of stem nematode and phytophthora root rot.
- Tolerant to saline conditions during germination.
- Strong aphid resistance package.
- The Roundup Ready® Alfalfa trait provides optimal weed control, coupled with quick regrowth and canopy closure, making crop management easier than ever before. It helps produce better feed quality and stand during establishment while increasing yield potential.



Fall Dormancy: 9.3



Agronomic Features

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

Disease Tolerance

Bacterial Wilt	Resistance
Verticillium Wilt	Resistance
Fusarium Wilt	High Resistance
Anthraxnose (Race I)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race I)	Resistance

Pest Resistance

Pea Aphid	Resistance
Spotted Aphid	High Resistance
Blue Alfalfa Aphid	Resistance
Stem Nematode	High Resistance

Product Yield Performance: West

Product	Multi-Year % of Checks
6903R	125
AXF 1060	108
RRALF 9R100	105
MAGNA 995	104
MAGNA 801FQ	97

Data from FGI Trials in Los Banos, California from 2020-2022

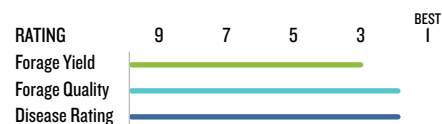
SPREDOR 5

FIFTH GENERATION SPREDOR WITH CREEPING ROOT SYSTEM

- Extremely winterhardy variety providing exceptional cold tolerance.
- Creeping variety is well suited to rangeland environments.
- Well adapted as a legume for pasture renovation.
- Tested and proven yields in salt-tolerant trials.



Fall Dormancy: 1.9 / Winter Hardiness: 1.0



Agronomic Features

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

Pest Resistance

Pea Aphid	Resistance
Spotted Aphid	Resistance
Stem Nematode	Resistance

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	Resistance
Disease Rating Index	34/35

6306Q

ULTRACUT® FD3 PROVIDES EXCELLENT ESTABLISHMENT, FORAGE QUALITY AND LONGEVITY

- Features industry leading UltraCut® alfalfa disease package that offers enhanced protection against evolving Aphanomyces¹ strains and our patented Anthracnose² technology.
- Great quality and yield potential in a fall dormancy 3 product.
- Exceptional winterhardiness and persistence.
- Top disease rating for defensive capability.
- Salt tolerance at germination.



ULTRACUT™
Alfalfa Disease Package

Fall Dormancy: 3.4 / Winter Hardiness: 1.1



Agronomic Features

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

Disease 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
Aphanomyces Root Rot (Evolving Strains) ¹	High Resistance
Disease Rating Index	40/40

Pest Resistance

Pea Aphid	High Resistance
Spotted Aphid	Resistance
Stem Nematode	Resistance

Product Yield Performance: East

Product	Multi-Year % of Checks
6306Q	109
HI-GEST 360	103
L-45IAPH2+	103
54Q29	103
HYBRIFORCE-3420/WET	99
L-457HD+	98
HYBRIFORCE-4400	97
AFX579	93

Data from FGI Trials in West Salem, WI from 2023-2024

Product Yield Performance: West

Product	Multi-Year % of Checks
6306Q	110
AFX579	103
54Q29	99
HI-GEST 360	95
HYBRIFORCE-4400	84
TUG-OF-WAR	78

Data from FGI Trials in Nampa, ID from 2023-2024

ALFALFA IS ALL WE DO.

20

6453Q

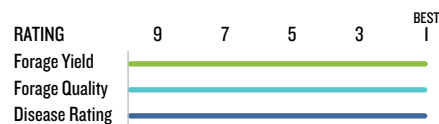
ULTRACUT® ALFALFA DISEASE PACKAGE UPS THE ANTE ON YIELD AND PERSISTENCE LEADER

- Outstanding yield potential and agronomic performance under 4 to 5-cut harvest management systems (FD=4.4) in various locations throughout dormant alfalfa use areas.
- A new day in disease resistance, 6453Q's perfect Disease Resistance Index includes the UltraCut® alfalfa disease package which offers growers the ability to help protect yield and quality potential.
- Superb winterhardiness (WH=1.6); 6453Q delivers excellent cold tolerance and persistence.
- 6453Q contains high-quality feed value levels highly desirable for dairy and cash hay producers.



ULTRA//CUT®
Alfalfa Disease Package

Fall Dormancy: 4.4 / Winter Hardiness: 1.6



Agronomic Features

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

Disease 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
Disease Rating Index	40/40

Pest Resistance

Pea Aphid	Resistance
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance

Product Yield Performance: East

Product	Multi-Year % of Checks
6453Q	112
L-451APH2+	101
SW4107	101
AFX579	100
54Q29	100
HYBRIFORCE-4400	90

Data from FGI Trials in West Salem, WI from 2022-2024

Product Yield Performance: West

Product	Multi-Year % of Checks
6453Q	114
AFX579	107
SW4107	106
54Q29	103
L-451APH2+	101
HI-GEST 360	94
TUG-OF-WAR	87
HYBRIFORCE-3400	86

Data from FGI Trials in Nampa, ID from 2024

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.

6402N



PROVEN YIELDS IN HIGH PH SOILS

- Tolerant to salt at germination.
- Excellent under high pH soils.
- High resistance to Stem Nematode making it an excellent rotation option in high nematode areas.

Agronomic Features

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

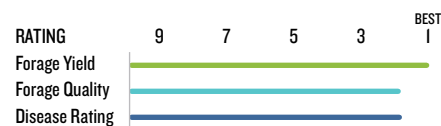
Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthraxnose (Race I)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race I)	Resistance
Disease Rating Index	29/30

Pest Resistance

Pea Aphid	High Resistance
Spotted Aphid	Resistance
Stem Nematode	High Resistance

Fall Dormancy: 4.4 / Winter Hardiness: 1.8



Product Yield Performance: West

Product	Multi-Year % of Checks
6402N	114
54Q29	109
AFX 579	101
L-45IAPH2+	100
HYBRIFORCE-3400	83

Data from FGI Trials in Nampa, ID from 2021-2023

6450Q



- Good winterhardiness and pest package with strong resistance to key diseases
- Moderate to fast recovery after cutting for optimum yields
- Multi-race Aphanomyces resistance paired with resistance to alfalfa stem nematode provides both establishment and in-season pest protection for increased yield potential, persistence and broad geographical adaptation

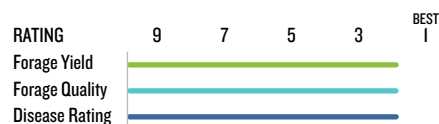
Agronomic Features

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

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	Resistance
Stem Nematode	Resistance
Disease Rating Index	34/35

Fall Dormancy: 4.0 / Winter Hardiness: 2.0



6480H



LATEST GENERATION LEAFHOPPER RESISTANCE

- Step-change in yield potential with highest level of Leafhopper protection.
- Disease Resistance Index of 34/35.
- Outstanding winterhardiness for Leafhopper varieties.

Fall Dormancy: 3.9 / Winter Hardiness: 2.0



Agronomic Features

Fall Growth	Late Fall Dormancy
Stand Persistence	Very Good
Early Seedling Growth	Excellent
Drought Stress	Excellent
Recovery After Cutting	Very Fast
Forage Quality	Very Good

Pest Resistance

Pea Aphid	High Resistance
Spotted Aphid	Moderate Resistance
Leafhopper Yellowing	High Resistance

Disease Tolerance

Bacterial Wilt	High Resistance
Verticillium Wilt	High Resistance
Fusarium Wilt	High Resistance
Anthracnose (Race 1)	High Resistance
Phytophthora Root Rot	High Resistance
Aphanomyces Root Rot (Race 1)	High Resistance
Aphanomyces Root Rot (Race 2)	Resistance
Disease Rating Index	34/35

Product Yield Performance: East

Product	Multi-Year % of Checks
6408H	106
HYBRIFORCE-3400	103
55H94	100
54Q29	99

Data from FGI Trials in Mt. Joy, PA from 2020-2021

6526Q

HIGH-YIELD POTENTIAL FD5

- A conventional, high yield potential fall dormancy 5 variety, selected for top forage quality.
- Very winterhardy and cold tolerant with a WH score of 1.8.
- An UltraCut® variety that combines plant health with great winterhardiness to help create leading persistence for multi-year performance.
- Salt tolerance for germinating seedlings.
- Highly resistant to multiple races of Aphanomyces for protection during establishment and early season cool and wet soil conditions.
- Highly resistant to multiple races of Anthracnose for protection during warm and humid weather conditions.
- Disease resistance index (DRI) of 40/40 and strong resistance to aphids and nematodes provides solid yield potential and long stand life across a wide range of soil types and climates.

Agronomic Features

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

Disease 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
Disease Rating Index	40/40

Pest Resistance

Pea Aphid	High Resistance
Spotted Alfalfa Aphid	Resistance
Stem Nematode	Resistance



ULTRACUT®
Alfalfa Disease Package

Fall Dormancy: 5.0 / Winter Hardiness: 1.8



Product Yield Performance: East

Product	Multi-Year % of Checks
6526Q	113
54Q29	102
SW4107	99
AFX579	98
HYBRIFORCE-3420/WET	97
L-451APH2+	96
HYBRIFORCE-4400	91

Data from FGI Trials in Wisconsin from 2022-2024

Product Yield Performance: West

Product	Multi-Year % of Checks
6526Q	126
HI-GEST 360	109
HYBRIFORCE-3400	97
54V09	94

Data from FGI Trials in Idaho from 2018-2020

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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6907N

HIGH YIELDING FALL DORMANCY 9

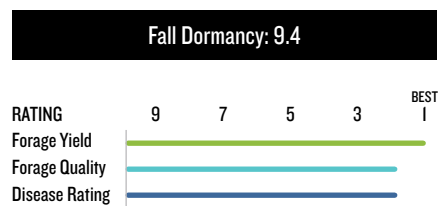
- Provides salt tolerance at critical stages in plant development.
- High resistance to Stem Nematode.
- High resistance to Blue and Spotted Alfalfa Aphids.
- High yielding FD9 bred for persistence.



Agronomic Features	
Fall Growth	Non-Dormant
Stand Persistence	Excellent
Early Seedling Growth	Excellent
Drought Stress	Good
Recovery After Cutting	Very Fast
Forage Quality	Very Good
Salt Tolerance	Germination

Disease Tolerance	
Bacterial Wilt	Resistance
Fusarium Wilt	High Resistance
Verticillium Wilt	Resistance
Anthracoise (Race I)	Resistance
Phytophthora Root Rot	High Resistance

Pest Resistance	
Pea Aphid	Resistance
Spotted Aphid	High Resistance
Blue Aphid	High Resistance
Stem Nematode	High Resistance



Product Yield Performance: West

Product	Multi-Year % of Checks
6907N	111
MAGNA 801FQ	103
MAGNA 995	98

Data from FGI Trials in Los Banos, California from 2023-2024

PLANTNEXGROW.COM



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.

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. HarvXtra® Alfalfa with Roundup Ready® Technology and Roundup Ready® Alfalfa have 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. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. 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. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

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