

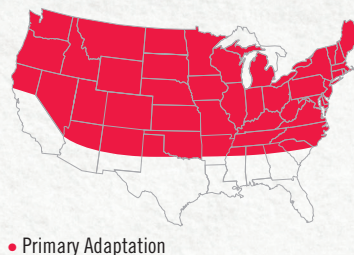


AMERISTAND 483 HVXRR

FALL DORMANCY: 4.1 | WINTERHARDINESS: 1.8

A Technology Powerhouse: HarvXtra® Alfalfa Paired with the UltraCut® Alfalfa Disease Package

- Latest advancement in disease resistance, featuring the UltraCut® alfalfa disease package with a DRI of 40/40, which includes High Resistance to Aphanomyces Root Rot Race 1, 2 and evolving strains¹; and includes high resistance to Anthracnose Race 5²
- HarvXtra® Alfalfa gives growers the ability to better manage the yield-versus-quality tradeoff. 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



• Primary Adaptation

PERFORMANCE

Yield Potential:	Excellent
Forage Quality Potential:	Excellent
Stand Persistence:	Excellent
Salt Tolerance*:	Germination

RESISTANCE

Phytophthora Root Rot:	HR
Aphanomyces Root Rot	
Race 1:	HR
Race 2:	HR
Evolving Strains ¹ :	HR
Anthracnose	
Race 1:	HR
Race 5 ² :	HR
Verticillium Wilt:	HR
Bacterial Wilt:	HR
Fusarium Wilt:	HR
Pea Aphid:	R
Spotted Alfalfa Aphid:	R
Stem Nematode:	R

HR > 51% Resistance
R 31–50% Resistance
MR 15–30% Resistance
LR 6–14% Resistance

Potential Benefits of HarvXtra® Alfalfa with Roundup Ready® Technology

FORAGE QUALITY ADVANTAGE

- Maintain current harvest schedule
- Higher likelihood of harvesting premium quality hay

FLEXIBILITY

- Increased harvest timing flexibility

DELAYED HARVEST

- Potential for fewer harvests, higher forage yield and improved persistence

Variety Performance: East

VARIETY	MULTI-YEAR % OF CHECKS
AMERISTAND 483 HVXRR	117
HI-GEST 360	108
HYBRIFORCE-3400	102
54HVX43	100
AMERISTAND 480 HVXRR	97
54HVX41	97
ATTENTION II	93

Data from FGI Trials in Boone, IA from 2017–2019

Variety Performance: East

VARIETY	MULTI-YEAR % OF CHECKS
AMERISTAND 483 HVXRR	130
54HVX41	111
54QR04	109
AMERISTAND 480 HVXRR	107
HI-GEST 360	101
HYBRIFORCE-3400	91
ATTENTION II	85

Data from FGI Trials in West Salem, WI from 2017–2019

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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.

* In tests established by the NAAC Review Board, this variety demonstrated improved salt tolerance of germinating seeds as compared to the industry salt tolerant checks. References available upon request.