

NEW ALFALFA



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alforexseeds.com



AFX 455-HVX

HarvXtra® Alfalfa

Agronomics

Yield rating:	5 or Best
Fall dormancy class:	FD 4
Winter hardiness class:	WS 2
Multifoliate leaf expression:	Moderate
FastGrowth rating:	Average
Relative feed quality rating:	5 or Best

Performance

- AFX 455-HVX is a HarvXtra® Alfalfa variety used to produce the highest quality alfalfa forage in the industry
- Strong disease resistance package and is very winterhardy
- High yield potential in multiple growing environments

Pest Package



Diseases	HR	R	MR	LR	S
Anthraxnose	●				
Aphanomyces-Race 1	●				
Aphanomyces-Race 2			●		
Bacterial wilt	●				
Fusarium wilt	●				
Phytophthora root rot		●			
Verticillium wilt	●				
Insects					
Pea aphid		●			
Spotted alfalfa aphid		●			
Nematode Resistance					
Stem nematode		●			

Management

- Early season weed control with glyphosate herbicides helps improve establishment success and first year yield potential compared to conventional varieties
- Choice of delaying cutting by 7-10 days or cutting for highest RFQ



Yield & Relative Feed Quality Rating Key:

5 = Best; 3 = Average; 1 = Poor

Agronomic Ratings are based on average performance between Alforex varieties. Actual performance may be adversely affected by extreme conditions. Unless stated, ratings are based on standardized testing procedures endorsed by the North American Alfalfa Improvement Conference.

FastGrowth Ratings are calculated by Alforex Seeds from weekly measurement of varieties grown side-by-side from green-up to harvest through the growing season. Expressed as average centimeters growth per day. >2.20 = Very Fast; >2.00 = Fast; >1.80 = Average; >1.60 = Slow; <1.60 = Very Slow

Pest Resistance Ratings

% Resistant Plants	Resistance Class	Class Abbreviation
0-5%	Susceptible	S
6-14%	Low Resistance	LR
15-30%	Moderate Resistance	MR
31-50%	Resistant	R
>50%	High Resistance	HR

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IMPORTANT: Agronomic ratings based on period-of-years testing through 2018 harvest. Pest resistance, dormancy, winter survival and winterhardiness ratings based on standard test protocols prescribed and endorsed by the North American Alfalfa Improvement Conference (NAAIC) and were the latest available at the time of the publication. Ratings may change over additional years of data collection, or if NAAIC protocols change. Contact your sales professional before planting for the latest trait rating information.

DISEASE RESISTANCE INDEX: DRI is a disease index based on the following pests: Bacterial wilt, Verticillium wilt, Fusarium wilt, Anthracnose, Phytophthora, and Aphanomyces (Race 1 and Race 2). **HR** = 5 points, **R** = 4 points, **MR** = 3 points, **LR** = 2 points, **S** = 1 point. Highest possible DRI = 35 points.

HERBICIDE RESISTANCE: Always Read and Follow Pesticide Label Directions. Roundup Ready® Alfalfa (RRA) products and/or HarvXtra® Alfalfa with Roundup Ready Technology (HVX) contain genes that confer tolerance to glyphosate. Alfalfa with the Roundup Ready® technology provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to label directions. Glyphosate agricultural herbicides will kill crops that are not tolerant to glyphosate. Accidental application of incompatible herbicides to these alfalfa varieties could result in total crop loss. HVX alfalfa products contain the biotechnology-derived trait developed to maximize alfalfa quality compared to commercially available alfalfa products harvested at the same growth stage, by reducing the amount of lignin in the plant.

Do not export alfalfa seed or crops containing Roundup Ready® and/or Alfalfa with HarvXtra® Technology, including hay or hay products, to China pending import approval. In addition, due to the unique cropping practices, do not plant this product in Imperial County, California. Crops and material containing biotech traits may only be exported to, used, processed or sold in jurisdictions where all necessary regulatory approvals have been granted for those crops and materials. It is a violation of national and international law to move materials containing biotech traits into jurisdictions where their import is not permitted. Growers should discuss these issues with their purchaser or grain handler to confirm the purchaser or handler's position on products purchased. For further information on the approval status of biotech traits, please visit www.biotradestatus.com

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