

# HYBRIFORCE-4400

GEN-4 HYBRID ALFALFA



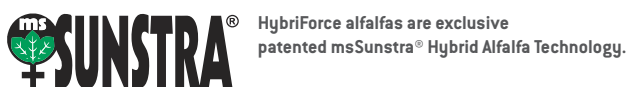
- Latest release that raises the bar in yield potential
- 4th generation hybrid alfalfa using msSunstra Hybrid Alfalfa Technology
- 10.4% yield advantage against competitors in 174 head-to-head, side-by-side comparisons
- 5% higher yielding than HybriForce-3400 in over 5 years of research testing
- Outstanding 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 race 2

## Agronomic Performance

Forage Yield	1
Forage Quality	1
Early Seedling Growth	1
Spring Vigor	1
Summer Re-growth	1
Drought Stress	1
Traffic Tolerance	1

## Alfalfa Characteristics

Fall dormancy class:	FD 4
Winter survival:	2.0
Root type:	Tap



## Multiple Pest Package

	HR	R	MR	LR	S
<b>Diseases</b>					
Aphanomyces root rot (race 1)	✓				
Aphanomyces root rot (race 2)		✓			
Anthracnose	✓				
Bacterial wilt	✓				
Fusarium wilt	✓				
Phytophthora root rot	✓				
Verticillium wilt	✓				
<b>Nematode Resistance</b>					
Stem nematode	✓				
Northern root knot			✓		
<b>Insects</b>					
Blue aphid	✓				
Cowpea aphid	✓				
Pea aphid		✓			

## Head-to-Head Comparison Yield in DM Tons per Acre

Competitor	Competitor	Hybri-Force 4400	Harvest Years <sup>1</sup>	% Yield Advantage
DKA 40-51RR	7.77	9.43	2	21%
AmeriStand 445-N	5.95	6.94	2	17%
WL 372HQ.RR	6.11	6.94	2	14%
KF 425HD	7.30	8.09	4	11%
DKA 44-16	8.52	9.43	2	11%
AmeriStand 427TQ	10.78	11.85	3	10%
WL 377HQ	6.35	6.94	2	9%
AmeriStand 545ST	6.38	6.94	2	9%
NexGro 6422Q	6.46	6.94	2	7%
L-455HD	3.99	4.25	14	7%
Legendairy XHD	4.97	5.27	39	6%
WL 365HQ	9.37	9.58	7	3%

<sup>1</sup> Harvest Years = the number of years in either Public and/or Private trials where the two varieties have been in the same trial and are on harvest schedule for the yield comparisons to be listed.



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## Agronomic Performance

1 to 9, 1 = Excellent

## 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.

## 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