



# 4X422

NEW

# Mycogen<sup>®</sup> SEEDS

**HarvXtra variety with Roundup Ready technology featuring strong disease package and excellent forage quality.**

- Roundup Ready variety for early season weed control to assist in improving first year stand establishment.
- Flexible harvest window to allow for maximizing Relative Forage Quality with overall yield potential.
- Strong winterhardy and winter survival characteristics to support northern adaptation.

## CHARACTERISTICS

Fall Dormancy ..... 4  
Winterhardiness ..... 2  
Multifoliate Leaf Expression .... Mod High MF



## AGRONOMICS

- ★ Forage Yield
- ★ Relative Feed Quality
- ✓ Standability
- 32 Disease Resistance Index
- NA Salt Tolerance
- ★ Highly Suitable - Key Strength
- ✓ Suitable - Meets Standards
- ⊕ Manage Appropriately
- ✗ Strong Caution - Limitation
- NA Rating Not Available



## DISEASES AND INSECTS

- HR Aphanomyces (Race 1)
- HR Aphanomyces (Race 2)
- HR Bacterial Wilt
- HR Fusarium Wilt
- HR Verticillium Wilt
- HR Anthracnose
- R Phytophthora Root Rot
- R Pea Aphid
- R Spotted Alfalfa Aphid
- R Stem Nematode

## MANAGEMENT GUIDELINES

- Adapted across the United States and fits all production zones where alfalfas with fall dormancy 3, 4 or 5 are normally recommended.
- Strong overall disease package with a DRI score of 32/35.
- Excellent seedling vigor scores for rapid stand establishment, which is especially important for late-summer seedings.
- Optimal performance when positioned in well drained soils.
- Resistant to key pests including Pea and Spotted Aphid, and Stem Nematode.
- Alfalfa varieties with Roundup Ready technology provides crop safety for over-the-top applications of labeled glyphosate herbicides when applied according to the labeled directions.

Disease Rating Descriptions			
% Resistance	Resistance Class	Class Abbrev	DRI Points
0-5%	Susceptible	S	1
6-15%	Low Resistance	LR	2
16-30%	Moderate Resistance	MR	3
31-50%	Resistance	R	4
>50%	High Resistance	HR	5

Fall Dormancy (FD) Rating Descriptions	
FD Rating	Description
1-2	Very Dormant
3-5	Dormant
6-7	Semi-Dormant
8-11	Resistance

Winter Survival (WS) Rating	
WS Rating	Description
1	Extremely Winterhardy
2	Very Winterhardy
3	Winterhardy
4	Moderately Winterhardy
5	Slightly Winterhardy

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Genuity® and Roundup Ready® are registered trademarks used under license from Monsanto Company. Do not export alfalfa seed or crops containing Genuity® Roundup Ready® 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.

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**Always Read and Follow Pesticide Label Directions.** Alfalfa with the Genuity® 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 THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.

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