

**NEW**  
**54VQ56 ALFALFA**



- Excellent fall dormancy 4 variety with enhanced seeding year yield and provides improved yield potential over the life of the alfalfa stand.
- Very strong disease and pest resistance allows for broad adaptation.

**DISEASE & PEST RESISTANCE**

<b>Fall Dormancy</b>	<b>4.0</b>
<b>Winter Survival</b>	<b>2.0</b>
<b>Total DRI</b>	<b>35/35</b>

Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthrachnose	HR
Bacterial Wilt	HR
Fusarium Wilt	HR
Aphanomyces Race 1	HR
Aphanomyces Race 2	HR
Aphanomyces Race Evolved	NA
Pea Aphid	R
Stem Nematode	MR

**PEST RESISTANCE RATINGS**

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



**SUITABILITY AND PLACEMENT GUIDE**

Well drained or excessively drained soils	•••
Poorly drained, root rot prone soils	•••
Stem nematode pressure	••
Aphid pressure	•••
Potato leafhopper pressure (no insecticide used)	•
Irrigated growing environments	•••
Very high forage quality and harvest flexibility	••
High forage quality goals	•••
Harvest delays or long cutting intervals	•••
Short cutting intervals, fast regrowth	••
Frequent winterkill area, stand persistence	•••
Heavy wheel traffic tolerance	•••
Standability in lodging prone conditions	•••
Non GMO and organic production systems	•••
Salt tolerant soils	•

**HIGHLY SUITABLE** •••    **SUITABLE** ••    **POOR SUITABILITY** •

**YIELD PERFORMANCE**

PRODUCT	FALL			54HG25 YIELD ADVANTAGE
	DORM.	CUTS	REPS	
Megatron HVX.RR	4	60	15	<b>8%</b>
54VQ52	3	60	15	<b>7%</b>
WL 375HVX.RR	5	60	15	<b>6%</b>
WL 349HQ	4	48	12	<b>3%</b>

Data from DLF and public trials