

54VQ52 ALFALFA



- Excellent choice for high forage quality with high yield potential
- Strong disease resistance for broad adaptation to most growing environments.
- 54VQ52 has Phytophthora and multi-race Aphanomyces resistance for improved establishment success in poorly drained soils.

DISEASE & PEST RESISTANCE

Fall Dormancy	4.0
Winter Survival	2.0
Total DRI	34/35

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

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 DORM.	CUTS	REPS	54VQ52 YIELD ADVANTAGE
6439HVX.RR	4	24	21	11%
Megatron HVX.RR	4	208	81	9%
WL 3471HVX.RR	4	84	60	8%
Ameristand 16NTRR	4	12	8	7%
WL 375HVX.RR	5	128	40	5%
Ameristand 428TQ	4	21	12	4%
6453Q	4	12	8	3%
LegenDairy AA	3	108	60	-1%
WL 349HQ	4	215	97	-1%
Rebound 6XT	4	95	45	0%

Data from DLF and public trials