

54Q16 ALFALFA



- 54Q16 delivers high forage quality coupled with very good yield potential.
- Excellent disease and pest resistance to enhance stand establishment and stand persistence.
- Fall Dormancy 4 product with very good winterhardiness.

DISEASE & PEST RESISTANCE

Fall Dormancy	4.0
Winter Survival	2.0
Total DRI	35/35

Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthraco nose	HR
Bacterial Wilt	HR
Fusarium Wilt	HR
Aphanomyces Race 1	HR
Aphanomyces Race 2	HR
Pea 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	54Q16 YIELD ADVANTAGE
Ameristand 16NTRR	4	5	4	14%
6439HVX.RR	4	24	21	11%
Megatron HVX.RR	4	155	69	9%
WL 3471HVX.RR	4	98	66	8%
6453Q	4	18	12	8%
WL 375HVX.RR	5	61	21	8%
Ameristand 428TQ	4	27	16	3%
LegenDairy AA	3	122	66	2%
WL 349HQ	4	156	80	1%
Rebound 6XT	4	95	45	0%

Data from DLF and public trials