

# 54Q29 ALFALFA



- Excellent fall dormancy 4 variety with high yield potential and excellent forage quality.
- Multi-race Aphanomyces resistance (Aph2 = R) allows for establishing in challenging environments.

## DISEASE & PEST RESISTANCE

<b>Fall Dormancy</b>	<b>4.0</b>
<b>Winter Survival</b>	<b>1.8</b>
<b>Total DRI</b>	<b>33/35</b>

Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthracnose	HR
Bacterial Wilt	HR
Fusarium Wilt	R
Aphanomyces Race 1	HR
Aphanomyces Race 2	R
Pea Aphid	HR
Spotted Pea Aphid	HR
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	54Q29 YIELD ADVANTAGE
WL 3471 HVX.RR	4	24	24	<b>7%</b>
WL 375HVX.RR	5	128	40	<b>7%</b>
Ameristand 16NTRR	4	7	4	<b>5%</b>
Megatron HVX.RR	4	166	48	<b>5%</b>
6453Q	4	33	16	<b>1%</b>
LegenDairy AA	3	68	42	<b>0%</b>
WL 349HQ	4	196	68	<b>-1%</b>
Rebound 6XT	4	110	41	<b>-1%</b>

Data from DLF and public trials