

PERFORMANCE TRIALS



ALFALFA

Vision Alfalfa

108% forage yield advantage and 112% Milk yield advantage against those same references. This stand-out variety has the combination of features that the alfalfa of the future should have. Forage yield and persistence are outstanding while maintaining improved forage quality. Regrowth and disease resistance are excellent.

Fall Dormancy: 4.4; Winter Survival: 1.5



FORAGE FACT:

Outstanding new alfalfa varieties such as Vision and Leader have the yield and regrowth we used to associate with a late fall dormancy, but with the winter survival we used to associate with an early fall dormancy. Breeding efforts focused specifically on improving persistence have resulted in breaking down the correlation between fall dormancy and persistence. The result is higher yield potential and regrowth with excellent persistence.

Vision Alfalfa yield lb/ac Summary 2010

Location	Harvest	Vision	54Q25	54V46	Genoa	HybriForce 400	PS2065MF
Average All sites		12,990	12,134	12,380	12,416	12,168	12,548
%check		107	100	102	102	99	103
Average East		12,649	11,667	11,668	12,053	11,532	12,024
%check		108	100	100	104	99	103
Lindsay, ON	2006-09	12,612	11,310	11,385	12,301	11,119	11,990
%check		109	97	98	107	95	103
Welcome, ON	2006-09	14,522	13,228	13,418	13,665	13,036	13,584
%check		112	101	103	105	100	104
Woodstock, ON	2009	11,876	11,577	10,912	11,160	11,629	10,788
%check		106	103	97	100	104	96
Tavistock, ON	2006-07	15,038	14,100	13,825	13,808	13,984	15,000
%check		108	100	99	100	100	108
St-Hyacinthe, QC	2009	9,157	8,662	8,768	9,263	8,768	8,373
%check		101	96	97	103	97	93
La Visitation, QC	2005	4,790	5,072	5,142	4,790	4,931	4,860
%check		101	107	108	101	104	102
Portage, MB	2006-09	17,320	15,290	17,032	16,662	16,212	16,248
%check		115	99	113	110	104	106
Brooks, AB	2006-08	15,427	15,821	15,534	15,577	15,587	15,769
%check		99	101	99	99	99	100
Josephburg, AB	2006-09	8,519	8,259	8,404	7,905	8,251	8,688
%check		102	98	99	93	97	101
Taber, AB	2009	10,684	10,020	9,464	8,698	9,683	10,330
%check		110	103	97	89	100	106

Checks 2009: Starbuck, OAC Superior, 2006-08: Starbuck, Magnum IV East, Algonquin West

This data set comprises 72 cuts over 25 station-years, over 10 locations and 4 harvest years (4 replications at each location).