

PERFORMANCE TRIALS

PICKSEED 2065MF Alfalfa

Reliable yield, persistence, regrowth, quality and disease resistance are the strong point for 2065MF.

We have 80 station-years of data from Eastern Canada. The data set is too large to publish here, but is available on request. There is probably more yield data on PS2065MF than any other proprietary alfalfa available.

FORAGE FACT:

Fall dormancy is just a measure of the height of growth produced in the fall. It reflects the degree of dormancy of the variety, but dormancy is only a small part of what gives a variety the ability to survive our winters.

Forage Quality: Forage Quality is great: RFV is 105.4% of Saranac. PS2065MF has a very high expression of multifoliolate leaves.

Disease Resistance: PS2065MF has a University of Wisconsin DRI (Disease Resistance Index) of 29 (out of a possible 30 points).

Regrowth: Score for 2065MF is much higher than compared varieties. The persistence is better and the uniformity score is higher. Uniformity of growth in the plots is an indicator of persistence and undamaged plants. Ratings are on a 1-5 scale where 5 is the best.

PICKSEED 2065MF FORAGE QUALITY

	CP	ADF	NDF	RFV	%chk	NSC	ADL
PS2065MF	22.1	28.3	40.8	142.2	105.4	29.1	7.8
Forerunner	22.0	28.7	42.1	137.5	101.9	27.9	8.0
PS8920MF	22.4	27.9	41.8	140.9	104.5	27.8	7.8
5454	20.6	31.6	43.4	132.6	98.3	26.0	8.4
5312	21.5	29.4	42.4	135.9	100.7	28.1	8.0

*chk: Saranac CP: crude protein; ADF: acid detergent fibre; NDF: neutral detergent fibre; RFV: relative feed value; NSC: non-structural carbohydrate; ADL: acid digestible lignin

PICKSEED 2065MF YIELD SUMMARIES

	PS2065MF	%chk
PICKSEED PROPRIETARY DATA		
ON: Hickson, Lindsay, Welcome, QC: Lennoxville, La Visitation, St-Hyacinthe, St-Casimir, Plessisville: 43 station-years		
Average 1997-2005	12,765	109
Yr 1&2	12,912	108
Yr 3&4	13,007	112
Checks: Arrow Centurion or 5312 & Magnum IV		
	PS2065MF	%chk
Québec Provincial CRAAQ Trials		
QC: St-Augustin, Normandin, Macdonald College, Lennoxville: 11 Station-years		
Average 00-02		
Yr 1&2	8,500	105
Checks: Arrow, Oneida VR		
Ontario Provincial OFCC Trials		
ON: Kapuskasing, Elora, New Liskeard, Thunder Bay, Pakenham, Huron Park: 19 Station-years		
Average 00-03	11,201	105
Yr 1&2	11,684	103
Yr 3&4	11,972	108
Atlantic Region Forage Trials		
Charlottetown, Nappan, Fredericton, Truro: 7 station-years		
Average	9,183	103
Yr 1&2	9,372	104
Yr 3&4	8,050	101

PICKSEED 2065MF HEAD-TO-HEAD WITH 5312 (43 STATION-YEARS)

	#	Forage Yield			Milk		
		kg/ha	%chk	chk	kg/ha	%chk	chk
Average	43	12,765	108	11,836	13,378	114	11,728
Yr 1	18	11,272	107	10,503	11,814	114	10,407
Yr 2	11	14,899	105	14,150	15,615	111	14,020
Yr 3 & 4	14	12,405	111	11,170	13,002	117	11,086

ON: Hickson, Lindsay, Welcome, QC: Lennoxville, La Visitation, St-Hyacinthe, St-Casimir, Plessisville Seedings from 1996 to 2004, Harvests from 1997-2005

	BW	VW	PRR	FW	APH	AN
PS2065MF	HR	R	HR	HR	HR	HR

HR: Highly Resistant, R: Resistant, S: Susceptible.
 BW: Bacterial wilt; VW: Verticillium wilt; PRR: Phytophthora root rot
 FW: Fusarium wilt; APH: Aphanomyces root rot (Race 1), AN: Anthracnose (Race 1)

	Regrowth 1-5	Stand 1-5	Uniformity 1-5
PS2065MF	4.5	4.1	4.0
PS8920MF	2.6	3.1	2.8
Able	3.4	3.6	3.3

Lindsay, ON 5 Station-Years