

OUTSTANDING FEATURES:

- High forage quality
- Extra fast regrowth
- Excellent persistence
- Very high yield
- High multifoliolate expression >85%
- Very high disease resistance (DRI=30)

FORAGE QUALITY

- Improved forage quality between PICKSEED 2065MF and Starbuck

PRODUCT INFORMATION:

Leader Alfalfa

CHARACTERISTICS:

Stems	Leafy Top to Bottom
Leaves	Multifoliolate >85%
Flowers	90% Purple, 10% Variegated
Fall Dormancy	3.9
Winter Hardiness	Excellent
Stand Persistence	Excellent
Early Seedling Growth	Very Rapid
Drought Stress	Very Good
Growth Habit	Upright
Recovery after Cutting	Very Rapid
Fineness of Stem	Medium- Fine
Leafiness	Very High
Seeding Rate	7-9kg/ac

DISEASE AND PEST RATING

Bacterial wilt	HR
Verticillium wilt	HR
Fusarium wilt	HR
Anthracnose	HR
Phytophthora root rot	HR
Aphanomyces root rot	HR

VARIETY	FALLDORMANCY (1= MOST DORMANT)	WINTER SURVIVAL (1= MOST HARDY)	PERSISTENCE (9 = MOST PERSIST.)
Leader	3.9	1.9	8.8
Vernal	1.9	2.1	5.9
5262	2.7	2.2	6.8
53Q60	3.2	3.1	6.7
WL325HQ	3.1	3.2	6.9

NEW ALFALFA MIXTURES	LEADER ALFALFA	RICHMOND	BULL
PS 114*	60	40	
PS 115*	85	15	
PS 116*	91	9	
PS 117*	75	25	
PS 118*	45	30	25
Leader Alfalfa*	100		

*Treated with Apron XL® & Pre-inoculated with Nitragin Gold®;

Leader Alfalfa

FORAGE QUALITY HEAD-TO-HEAD (5% HIGHER RFQ MEANS MORE MILK)

Entry	CP	NDF	NDFD	RFQ	kg/ha Yield	kg/t Milk lbs	kg/ha Milk acre
Leader	22.4	38.0	48.0	164.1	11,333	1,335	15,122
54V54	21.7	39.3	46.8	155.9	9,741	1,292	12,590
v. 54V54 (%)	103	97	103	105	116	103	120

LEADER: USA YIELD (HG/HA) SUMMARY 2005

SITE	SEED	HARVEST	LEADER	%CHK	MAGNUM IV	5312	54V54
Lindsay, ON	02	06	15,486	120	12,471	13,269	13,312
Lindsay, ON	02	05	15,912	114	13,689	14,167	14,599
Nisku, AB	02	05	17,370	104	16,619	16,805	16,406
Lindsay, ON	02	04	21,092	115	17,943	18,816	19,473
Welcome, ON	02	04	19,906	107	18,109	18,932	16,367
Portage, MB	02	04	15,608	98	15,907	15,959	15,637
Nisku, AB	02	04	12,236	100	12,044	12,419	12,124
Lindsay, ON	02	03	10,381	108	9,432	9,722	9,827
Welcome, ON	02	03	13,751	111	12,041	12,794	12,771
St-Hyacinthe, QC	02	03	12,416	103	12,021	12,027	11,943
Portage, MB	02	03	11,237	109	10,039	10,633	11,404
Nisku, AB	02	03	20,121	107	18,016	19,482	18,696
Chk: Magnum IV, 5312							
Average			15,460	108	14,028	14,585	14,380

LEADER: USA YIELD (HG/HA) SUMMARY 2005

SITE	SEED	HARVEST	LEADER	%CHK	MAGNUM IV	54V54
Boone, IA	02	04	21,822	117	18,327	19,005
West Salem, WI	02	04	19,063	123	15,783	15,167
Boone, IA	02	03	18,632	110	16,428	17,392
West Salem, WI	02	03	16,863	109	15,285	15,679
Buck Creek, IN	01	03	19,368	105	19,039	17,875
Boone, IA	02	02	19,914	100	19,843	19,831
Buck Creek, IN	01	02	18,744	101	18,310	18,730
Chk: Magnum IV, 54V54						
Average			19,201	109	17,574	17,668
Average Persistence			20,084	115	17,716	17,349