



Agronomics

Yield rating:	3
Fall dormancy class:	FD 3
Winter hardiness class:	WS 1
Multifoliate leaf expression:	Trifoliate
FastGrowth rating:	1.54/Very Slow
Salinity tolerance:	
Germination:	Tolerant
Forage production:	Tolerant

Performance

- Especially well adapted to the northern Great Plains and higher elevations of the Intermountain West
- Fits irrigated or dryland crop management systems
- Features bred-in grazing, germination salinity and traffic/compaction tolerance

Management

- Versatile variety that fits 2-4 cut systems for hay or hay-graze management
- Exceptional winter hardiness helps Rugged perform in production systems where other varieties fail
- Medium-late harvest maturity

Appearance at Harvest Maturity

- Medium-short plant height and a very dense, full canopy of medium green leaves

Pest Package



Diseases

	HR	R	MR	LR	S
Anthraxnose	●				
Aphanomyces-Race 1	●				
Aphanomyces-Race 2			●		
Bacterial wilt	●				
Fusarium wilt	●				
Phytophthora root rot	●				
Verticillium wilt	●				

Insects

	HR	R	MR	LR	S
Blue alfalfa aphid		●			
Cowpea aphid		●			
Pea aphid	●				
Spotted alfalfa aphid	●				

Nematode Resistance

	HR	R	MR	LR	S
Stem nematode			●		

Head to Head Comparison Yield in DM Tons per Acre

Competitor	Competitor	Rugged	Harvest Years ¹	% Yield Advantage
Spredor 3	6.51	7.21	3	11%
Gold Plus	7.39	7.96	5	8%
Baralfa 32 IQ	6.84	7.21	3	5%
WL 345LH	5.28	5.51	3	5%
GH 767	6.93	7.21	3	5%
DK 142	8.77	9.08	2	4%
Everlast	6.45	6.65	3	3%
DKA 65-10RR	5.52	5.67	4	3%
WL 353LH	4.34	4.45	4	3%
Evergreen 3	5.40	5.51	3	2%
Maxi Graze GT	5.67	5.77	12	2%
WL 232HQ	7.85	7.96	5	1%
Amerigraze 401+Z	9.05	9.08	2	0%
6422Q	6.35	6.30	14	-1%

¹ Harvest Years = the number of years in either Public and/or Private trials where the two varieties have been in the same trial and are on harvest schedule for the yield comparisons to be listed.

Yield Rating Key: 5 = Best; 3 = Average; 1 = Poor

Agronomic Ratings are based on average performance between Alforex varieties. Actual performance may be adversely affected by extreme conditions. Unless stated, ratings are based on standardized testing procedures endorsed by the North American Alfalfa Improvement Conference.

FastGrowth Ratings are calculated by Alforex Seeds from weekly measurement of varieties grown side-by-side from green-up to harvest through the growing season. Expressed as average centimeters growth per day. >2.20 = Very Fast; >2.00 = Fast; >1.80 = Average; >1.60 = Slow; <1.60 = Very Slow

Pest Resistance Ratings

% Resistant Plants	Resistance Class	Class Abbreviation
0-5%	Susceptible	S
6-14%	Low Resistance	LR
15-30%	Moderate Resistance	MR
31-50%	Resistant	R
>50%	High Resistance	HR