



★ CLIMATE READY ALFALFA ★

Majestic 425 is a high forage yielding and very high forage quality alfalfa variety. It expresses branch root trait to be productive in areas of hard pan and high water table. Its sunken crown reduces traffic injury to the crown and stem buds while improving winter survival. Majestic 425 is protected by a broad base of disease resistance with high resistance to Aphanomyces Races 1 and 2.



EXCEPTIONALLY HIGH FORAGE YIELD

OUTSTANDING FORAGE QUALITY

SUNKEN CROWN

Shown in image 1

Improves winter survival

Reduces traffic injury to crown and stem buds

BRANCH ROOT TRAIT

Shown in image 2

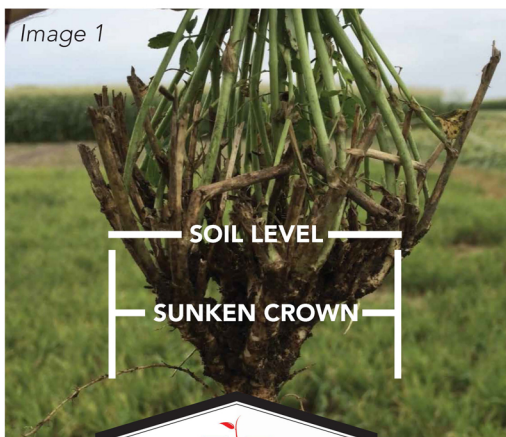
Advantage in problem soil: high water table, hard pan or plow pan, heavy soils that don't drain well

Resistance to "Frost Heaving"

AGRONOMIC CHARACTERISTICS

Bacterial Wilt	HR
Fusarium Wilt	HR
Verticillium Wilt	HR
Anthrachnose Race 1	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot Race 1	HR
Aphanomyces Root Rot Race 2	HR
Anthrachnose Race 5 (New)	HR
Disease Resistance Index (DRI)	40/40
Fall Dormancy	3.9

Winter Survival Index Rating	1.5
Recovery After Cutting	Good
Root	Branch/Tap
Crown	Sunken
Leaf Type	50% Multi-Leaf
Forage Yield Potential	Excellent
Forage Quality	Excellent
Salt Tolerance (germ)	T
Traffic Tolerance	T



SUNKEN CROWN TRAIT IMPROVES TRAFFIC TOLERANCE

WHEEL TRAFFIC FACTS

- 40-70% of field is run over in a season
- 16-26% yield loss in traffic areas
- Poor forage quality in traffic damaged areas
- Increased crown rot and stand loss

HEAD-TO-HEAD FORAGE YIELD SUMMARY

Variety	S Central WI	N Central WI-1	N Central WI-2	Southwest WI	Total Tons	% Adv	Extra Tons/Yr	Per Yr x \$200/Ton
Majestic 425	-	-	7.34	7.89	15.23	105.69	0.41	\$82.00
54Q14	-	-	6.72	7.69	14.41			
Majestic 425	8.46	9.26	7.34	7.89	32.95	103.71	0.29	\$59.00
Rebound AA	8.12	9.01	7.05	7.59	31.77			
Majestic 425	8.46	9.26	16.21*	-	33.93	103.04	0.25	\$50.00
AFX 460	8.44	8.87	15.62*	-	32.93			
Majestic 425	8.46	9.26	7.34	7.89	32.95	103.52	0.28	\$56.00
Hybriforce 4400	8.12	8.99	7.09	7.63	31.83			
Majestic 425	8.46	9.26	7.34	7.89	32.95	109.91	0.74	\$148.50
Megatron HarvXtra	7.70	8.62	6.55	7.11	29.98			

*2-Year Yield Total

FORAGE YIELD & QUALITY DATA

Variety	WI TRIAL 1		WI TRIAL 2	
	DM Yield Ton/Acre	Milk/Acre	DM Yield Ton/Acre	Milk/Acre
Majestic 425	5.08	16,331	6.58	22,686
Rebound AA	4.96	16,153	6.42	22,258
Hybriforce 4400	4.84	15,509	6.31	21,746
Megatron HarvXtra	4.68	15,402	6.26	22,021
Pioneer 54Q14	4.76	15,326	-	-
AFX 460	-	-	6.39	22,288
Full Trial Average	5.12		6.48	

SEEDING

Alfalfa is a very "foundational" crop; start with adequate fertility levels; pH 6.5-7.5; P ≥ 50 lbs/ac; K ≥ 220-250 lbs/ac. Plant into well-drained soil type, firm seedbed, seeding depth ¼" to ½". Planting rate, regardless of nurse or companion crop is 17-22 lbs/ac; if broadcast or no-till seeded, consider increasing seeding rate 10-20%. Keep nurse crop < 1 bu.; companion crop < 2 lbs. Imperative to plant into moist soils where irrigation not available, not in dry soil soils anticipating rainfall. GOAL: optimal stand density 5 weeks after planting, 25-35 plants per sq. ft.

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