

BlackCreek Research

2026 C&M Seeds Hard Red Winter Wheat Fertilizer Program

Location: BlackCreek Research

Wheat Variety _Adrianus_; Planted 6-Oct-2025_ - _1.8_m s/ac

Plot Size: 3m x 10m x 4 reps

Harvested plot dimensions: 2m wide x 10m long



Knowledge grows

Trt #	Treatment	Rate	Timing	Application Code	Rate L/ha	Rating Date	29-Jul	29-Jul	29-Jul	29-Jul	29-Jul	Description
						Rating Type	Moisture %	Yield bu/ac	Protein %	Test Weight g/0.5L	Falling #	
						Collection Type	Sample	Plot	Sample	Sample	Sample	
						Statistics	LSD p=0.10	LSD p=0.10	LSD p=0.10	LSD p=0.10		
1	28%UAN	160 lbs N & 19 lbs S/ac	Green Up (BBCH 13-22)	B	476		15.8 a	153.8 a	9.98 cd	381.8 a	444.5	One Shot Early as liquid. Good Yield but Low Protein.
	ATS	combined	Green Up (BBCH 13-22)	B	63.5							
	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1							
2	AMS	95 lbs/ac (20N 23S)	Extra Early Green Up	A	106		15.6 a	153.0 a	9.63 d	376.5 a	440.0	Same as TRT#3, but with Early AMM SU granular, UAN second
	28%UAN (NO ATS)	60 lbs N/ac	Green Up (BBCH 13-22)	B	180							
	28%UAN	80 lbs N/ac	Early stem elongation (BBCH 31-32)	C	240							
	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1							
3	28%UAN	80 lbs N & 8 lbs S/ac	Green Up (BBCH 13-22)	B	240		15.9 a	146.7 ab	9.83 cd	371.5 a	443.5	Split App using Liquid. 2nd app at Z32. Will usually make strong yield, but not usually very strong protein.
	ATS	combined	Green Up (BBCH 13-22)	B	25.7							
	28%UAN	80 lbs N & 11 lbs S/ac	Early stem elongation (BBCH 31-32)	C	240							
	ATS	combined	Early stem elongation (BBCH 31-32)	C	36.5							
4	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1		15.6 a	149.2 a	9.83 cd	373.5 a	452.0	Same as TRT#3, but with Early MAP booster broadcast.
	MAP	100 lbs/ac	Extra Early Green Up	A	112							
	28%UAN	80 lbs N & 8 lbs S/ac	Green Up (BBCH 13-22)	B	240							
	ATS	combined	Green Up (BBCH 13-22)	B	25.7							
5	28%UAN	80 lbs N & 11 lbs S/ac	Early stem elongation (BBCH 31-32)	C	240		15.6 a	137.0 c	10.43 c	386.3 a	473.0	Same as TRT#6, but with Early AMM SU granular, UAN second
	ATS	combined	Early stem elongation (BBCH 31-32)	C	36.5							
	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1							
	AMS	95 lbs/ac (20N 23S)	Extra Early Green Up	A	106							
6	28%UAN (NO ATS)	60 lbs N/ac	Green Up (BBCH 13-22)	B	180		15.6 a	129.5 c	10.40 c	384.8 a	456.0	Split App using Liquid. 2nd app at FLAG. High Burn Risk. Will usually make strong yield, and decent protein.
	28%UAN	80 lbs N/ac	Flag leaf emergence (BBCH 41)	D	240							
	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1							
	MAP	100 lbs/ac	Extra Early Green Up	A	112							
7	28%UAN	80 lbs N & 8 lbs S/ac	Green Up (BBCH 13-22)	B	240		15.6 a	137.9 bc	11.23 b	379.5 a	482.5	Same as TRT#6, but with Early MAP booster broadcast.
	ATS	combined	Green Up (BBCH 13-22)	B	25.7							
	28%UAN	80 lbs N & 11 lbs S/ac	Flag leaf emergence (BBCH 41)	D	240							
	ATS	combined	Flag leaf emergence (BBCH 41)	D	36.5							
8	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1		15.6 a	147.3 a	13.43 a	385.8 a	478.5	Split App. 2nd app AMIDAS bcst at Flag. No Burn Risk. Usually TOP yields with BEST Protein.
	28%UAN	80 lbs N & 8 lbs S/ac	Green Up (BBCH 13-22)	B	240							
	ATS	combined	Green Up (BBCH 13-22)	B	25.7							
	Amidas 200lb	80 lbs N & 11lbs S/ac	Flag leaf emergence (BBCH 41)	D	224							
9	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1		15.5 a	148 a	13.40 a	384.5 a	517.5	Same as TRT#8, adding extra 40N at flag to see if more protein can be generated.
	28%UAN	80 lbs N & 8 lbs S/ac	Green Up (BBCH 13-22)	B	240							
	ATS	combined	Green Up (BBCH 13-22)	B	25.7							
	Amidas 200lb	80 lbs N & 11lbs S/ac	Flag leaf emergence (BBCH 41)	D	224							
10	Urea 87 lb	40 lbs N	Flag leaf emergence (BBCH 41)	D	97		15.4 a	153.0 a	13.45 a	386.5 a	478.5	Same as TRT#8, but with Early MAP booster broadcast.
	Miravis Ace	0.4047 L/ac	Early Flowering (BBCH 61)	E	1							
	MAP	100 lbs/ac	Extra Early Green Up	A	112							
	28%UAN	80 lbs N & 8 lbs S/ac	Green Up (BBCH 13-22)	B	240							
	ATS	combined	Green Up (BBCH 13-22)	B	25.7							
	Amidas 200lb	80 lbs N & 11lbs S/ac	Flag leaf emergence (BBCH 41)	D	224							

Application Timings:

A	MAP	17-Apr-26	BBCH 21
B	N + S	24-Apr-26	BBCH 22
C	N + S	07-May-26	BBCH 31
D	N + S	03-Jun-26	BBCH 41
E	FHB	15-Jun-26	BBCH 65