

C&M Seeds 2020 On-Farm Trials - "WE KNOW WHEAT"



Dealer Cooperator
Mailing Address
City, Prov, Postal Code
County

Atwood Farm Supplies

 Meulenstein

 Atwood

 Perth

Crop Advisor: Kyle Coghlin, Tim Meulenstein
Planting Date: Oct 9 / 19
Planting Pop. 1.9m
Harvest Date: Jul 30 / 20
Row Width (in): 7.5
Prev Crop: soys
Tillage Type: no-till

Herbicide pre-plant burndown glyph
Herbicide Pixxaro May 23
T1 Fungicide Stratego May 23
Foliar Fert TerraDrive (10 ac trial) May 23
T3 Fungicide Prosaro Jun 16

Std. Moisture % 14.0 (drying charges begin at 14.6%)

Soil Texture: Clay Loam
Fall Fertilizer: pre-plant bcst 17 - 78 - 90 Oct 8
Seed Placed Starter Fertilizer: none
1st Pass Spring Fertilizer: 80 - 0 - 0 - 10s as UAN/ATS on Apr 6
2nd Pass Spring Fertilizer: 80 - 0 - 0 - 15s as UAN/ATS on May 27
Soil Fertility (L,M,H): M
Plot Test Type: on-farm

Entry No.	Brand	Variety	Width (ft)	Length (ft)	Area (Acres)	Harvest Weight (lbs)	Harvest Weight (kg)	Harvest Moist. %	Wet Bu/Acre Yield	14.0% Dry bu/acre Yield	Dry tonne per acre	Grade	Protein (%)	Test Weight (kg/hl)	Seeding Rate (mil / ac)	Lodging (0=none) (5=highest)	Fusarium Count (ftk)
1	C & M	Adrianus	50	570	0.65	3901	1770	13.4	99.4	100.1	2.72	2	10.6	78.8	1.90	0.0	0.0
2	C & M	PRO 81	50	565	0.65	3726	1690.6	13.2	95.8	96.6	2.63	2	11.1	80.3	1.90	0.0	0.0
3	C & M	Priesley	50	575	0.66	4162	1888.4	13.0	105.1	106.3	2.89	2	11.2	75.5	1.90	0.0	0.0
4	C & M	Adrianus	50	575	0.66	4286	1944.6	13.1	108.3	109.4	2.98	2	10.7	78.6	1.90	0.0	0.0
5	C & M	Gallus	50	570	0.65	4127	1872.5	13.3	105.2	106.0	2.88	2	10.8	80.1	1.90	0.0	0.0
6	C & M	Lexington	50	570	0.65	3862	1752.3	13.2	98.4	99.3	2.70	2	11.7	78.2	1.90	0.0	0.0
7	C & M	Adrianus	50	575	0.66	3968	1800.4	12.7	100.2	101.7	2.77	2	11.3	77.9	1.90	0.0	0.0
8	C & M	Adrianus S 1.90m with TerraDrive	30	471	0.32	1839	834.39	14.1	94.5	94.4	2.57	2	10.7	77.6	1.90	0.0	0.0
9	C & M	Adrianus S 1.42m with TerraDrive	30	696	0.48	2934	1331.2	14.5	102.0	101.4	2.76	2	10.8	78.0	1.42	0.0	0.0
10	C & M	Adrianus S 2.38m with TerraDrive	30	693	0.48	2921	1325.3	14.1	102.0	101.9	2.77	2	10.2	79.1	2.38	0.0	0.0
11	C & M	Adrianus S 1.90m	30	692	0.48	3029	1374.3	13.7	106.0	106.3	2.89	2	11.1	75.9	1.90	0.0	0.0
12	C & M	Adrianus N 1.90m with TerraDrive	30	574	0.40	2540	1152.5	14.1	107.1	107.0	2.91	2	10.8	77.8	1.90	0.0	0.0
13	C & M	Adrianus N 1.42m with TerraDrive	30	574	0.40	2678	1215.1	14.0	112.9	112.9	3.07	2	10.9	80.0	1.42	0.0	0.0
14	C & M	Adrianus N 2.38m with TerraDrive	30	577	0.40	2692	1221.4	14.0	112.9	112.9	3.07	2	11.2	77.0	2.38	0.0	0.0
15	C & M	Adrianus N 1.90m	30	578	0.40	2628	1192.4	14.0	110.1	110.0	2.99	2	11.1	79.9	1.90	0.0	0.0

planted by: Case 500T no-till

AVG 104.4

CROP NOTES: Growing season was very dry and cool through April/May. Last half of June and July very hot and dry. TerraDrive foliar product from NutriAg was tank mixed with the T1 spray. 10L product added to 13ac of solution. (applied rate ~ 0.8L/ac) 20gal/ac water flat fan tips. Trial weights and length was obtained from calibrated yield monitor. Population comparison was weighed in two parts of the farm (N=north, S=south) Sprayer application tracks travelled perpendicular to variety trial planting. In this set of conditions and management approach, the results did not support adding TerraDrive at Z32 crop stage. The area with increased seeding population did appear visually better through the year, but did not prove to add any measurable yield.