

C&M Seeds 2021 On-Farm Trials - "WE KNOW WHEAT"



Dealer Cooperator John Winger
Mailing Address _____
City, Prov, Postal Code Palmerston, ON
County Wellington

Crop Advisor: Tim Meulenstein, Rob McLaughlin
Planting Date: OCT 9 / 20
Planting Pop. target 2.0 mill
Harvest Date: AUG 7 / 20
Row Width (in): 7.5"
Prev Crop: adzuki
Tillage Type: no-till

Herbicide: May 12 - Buctril M
PGR: May 12 - Manipulator
Fungicide: T1 Stratego PRO + Headstart on May 19
T3 Miravis Ace on Jun 21

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

Soil Texture: clay loam
Fall Fertilizer: MAP and POTASH bulk spread
Seed Placed Starter Fertilizer: 120lbs/ac MAP
1st Pass Spring Fertilizer: April 9 applied (23 gal UAN + 5 gal Sulphur Extra) 80N
2nd Pass Spring Fertilizer: May 25 applied (19.5 gal UAN) 59N
3rd Pass Fertilizer: July 2 Topdress 120 lbs/ac Sulfan (26% N + 35% S) 31N
Soil Fertility (L,M,H): L
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 (%)	Falling Number	Test Weight kg/hl	Seeding Rate (estimated)	Lodging (0=none) (5=highest)	Fusarium Count (fdk)
1	C & M	PRO 81 (CVQ) (north)	29.375	966	0.65	5380	2441	18.9	137.7	129.8	3.53	2	13.8	n	78.1	2,000,000	0.0	0.0
2	C & M	LEXINGTON (CVQ)	29.375	966	0.65	4990	2264	17.9	127.7	121.9	3.32	2	13.8	334	78.5	1,900,000	0.0	0.0
3	C & M	ADRIANUS (CVQ)	29.375	966	0.65	5102	2315	19.3	130.6	122.5	3.33	2	13.4	437	75.2	1,750,000	0.0	0.0
5	C & M	PRO 81 (CVQ) 75% seed rate	29.375	966	0.65	5166	2344	18.8	132.2	124.8	3.40	2	13.8	n	78.3	2,000,000	0.0	0.0
6	C & M	PRO 81 (CVQ) 125% seed rate	29.375	966	0.65	5072	2301	18.5	129.8	123.0	3.35	2	13.5	n	79.0	2,000,000	0.0	0.0
7	C & M	PRO 81 (CVQ)	29.375	966	0.65	5668	2572	18.4	145.1	137.6	3.75	2	13.4	344	79.3	2,000,000	0.0	0.0
8	PIO	PIO 25R74 (lumi)	29.375	966	0.65	5518	2504	19.0	141.2	133.0	3.62	2	n	257	74.6	2,000,000	4.0	0.0
9	C & M	HILLIARD (CVQ)	29.375	966	0.65	5458	2476	17.8	139.7	133.5	3.63	2	n	183	75.4	2,000,000	1.0	0.0
10	C & M	CRUZE (CVQ)	29.375	966	0.65	5148	2336	19.7	131.7	123.0	3.35	2	n	237	75.3	2,000,000	3.5	0.0

planted by: JD 750 no-till McLaughlin AVG 127.7

CROP NOTES:

- spraying and fertilizer application perpendicular to rows
- some lodging in the Soft Red varieties, but combine was able to get under it.
- Adrianus seed rate was slightly lower in final pass as drill box was getting low, largest seed size.
- Adrianus was still noticeably greener stems at harvest, slower to the finish line.
- falling number for the PRO 81 was done as a composite sample of the four strips within the plot, in interest of time.