

C&M SEEDS - 2024 Fall Wheat																												
Plant Growth Regulator trial																												
Location: Palmerston																												
240a1 PN																												
Trt		-YIELD w PGR -				-YIELD no PGR -				bu/ac	TSTW		TKW		PRT		HDT		HGT		LDG		MLD	STRST				
#	CULTIVAR	T/HA	bu/ac	% chk	CV	T/HA	bu/ac	% chk	CV	diff	pgr	control	pgr	control	pgr	control	pgr	control	pgr	control	pgr	control	0-9	0-9	Awn	Notes		
3	CM20-006 Redford	HRW	9.03	135	100	2.9	8.67	129	100	4.2	5.4	75.4	75.5	45.9	40.3	13.0	13.1	148	148	103	111	0	0	0	0			
1	Adrianus	HRW-a	8.93	133	99	9.2	8.64	129	100	0.7	4.3	77.8	77.8	47.9	45.4	12.6	12.6	152	152	95	103	0	0	0	0	✓		
10	CM23H-002 EXP	HRW-a	8.62	128	95	3.9	8.69	129	100	6.1	-1.0	73.9	74.4	44.7	46.5	11.6	11.9	150	149	93	101	0	0	0	0			
7	PRO 81	HRW-a	8.52	127	94	11.6	8.16	122	94	4.7	5.4	79.2	79.0	34.5	32.2	12.5	12.9	148	148	98	110	1	5	0	0	✓		
9	CM23H-001 EXP	HRW-a	8.46	126	94	6.5	8.19	122	94	2.7	4.0	75.7	76.0	42.0	42.9	12.3	12.3	151	150	89	102	0	0	0	0			
11	CM23S-008 EXP	SRW	9.40	140	104	2.3	8.70	130	100	13.0	10.4	73.8	73.9	33.9	34.5	11.7	11.7	144	144	94	96	1	3	1	0			
8	Swoop	SRW	9.02	134	100	18.0	8.56	128	99	6.0	6.9	74.4	74.7	37.3	38.9	10.7	10.7	148	147	101	103	5	5	0	0			
4	CM21-004 Fuze	SRW-a	10.00	149	111	2.8	9.51	142	110	11.8	7.3	75.3	75.1	36.9	38.7	10.6	11.0	147	147	91	98	0	2	1	1	✓		
2	Blaze	SRW-a	9.30	139	103	6.1	8.92	133	103	1.2	5.7	75.1	75.4	42.0	39.9	11.0	11.0	148	147	99	101	0	0	0	0	✓		
6	Hilliard	SRW-a	9.12	136	101	7.2	8.79	131	101	3.0	4.9	74.0	74.3	35.3	41.1	11.4	11.2	145	145	100	100	4	4	0	0	✓		
5	Cruze	SRW-a	9.02	134	100	2.0	8.53	127	98	9.5	7.3	75.5	75.4	37.0	35.5	11.4	11.5	146	146	95	101	3	5	0	1	✓		
12	Brasetto	Rye	10.80	150	120	0.4	9.68	135	112	17.1	15.5	68.2	68.2	35.4	36.1	9.3	10.5	139	138	132	136	1	6	0	0	✓		
Trial Mean (only wheat)			9.04	134.67	100.00		8.67	129.17	100.00							11.7	11.8											
CV			5.4%				7.1%																					
LSD			1.0864				1.363																					
r ²			0.8444				0.6662																					
CVI			81%				57%																					
H			0.84				0.65																					
# reps			2				2																					
		Notes:	Planting Date: September 30				Single App UAN/ATS April 22 (136-0-0-11s)																					
			Harvest Date: July 26				Manipulator May 2 in 20 gal water Z31/32 . Infinity and Stratego Pro applied ealrier in day May 2.																					
			HARD RED AVERAGE		130																							
			SOFT RED AVERAGE		139																							
			HRW vs SRW		93.6%																							