

Ag-Quest

Crop Aid Nutrition Canola 2019

Trial ID: CA19SSK01CAPHA2019 Location: Saskatoon Trial Year: 2019

Protocol ID: Investigator: Paul Happ

Project ID: Study Director: Kelvin Sander

Sponsor Contact:

Crop Type, Code	C CANOLA	C CANOLA	C CANOLA	C CANOLA	C CANOLA	C CANOLA	C CANOLA				
Crop Name				RAW	RAW	ADJUSTED	TEST				
Rating Date	7/15/2019	7/30/2019	8/19/2019	10/4/2019	10/4/2019	10/4/2019	10/4/2019				
Part Rated	VIGOUR -	VIGOUR -	VIGOUR -	YIELD -	MOIST -	YIELD -	WEIGHT -				
Rating Type	VISUAL	VISUAL	VISUAL		YIELD	YIELD					
Rating Unit	0-5	0-5	0-5	G/PLOT	KG/HA	BU/AC	KG/HL				
Data Entry Date	11/1/2019	11/1/2019	11/1/2019	10/31/2019	10/31/2019	10/31/2019	11/1/2019				
Trt-Eval Interval	56 DA-A	71 DA-A	91 DA-A	113 DA-A	113 DA-A	113 DA-A	113 DA-A				
ARM Action Codes						T1					
Number of Decimals					0		1				
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	1	2	3	4	5	6	7
1	Untreated Check				2.8 a	3 a	3.7 a	3254.65 a	2098 a	37.8 a	63.93 b
2	Round Up Weather max	0.51	l/acre		2.8 a	3 a	3.7 a	3436.21 a	2231 a	40.2 a	64.69 a
	Crop Aid Soil	0.25	l/acre								
	Round Up Weather Max	0.33	l/acre	A							
	Crop Aid Foliar	1	l/acre	A							
	Crop Aid Soil	0.25	l/acre	A							
LSD P=.10					0.52		0.52	663.001	401.6	7.23	0.692
Standard Deviation					0.45	0	0.45	538.665	326.3	5.87	0.563
CV					15.78	0	12.2	16.1	15.08	15.08	0.87
Bartlett's X2					0	0	0	0.094	0.154	0.154	2.02
P(Bartlett's X2)								0.759	0.695	0.695	0.155
Replicate F					0.667	0	1.667	6.561	7.604	7.604	5.058
Replicate Prob(F)					0.6664	1	0.2944	0.0462	0.0359	0.0359	0.0707
Treatment F					0	0	0	0.341	0.495	0.495	5.475
Treatment Prob(F)					1	1	1	0.5907	0.5204	0.5204	0.0794

Means followed by same letter or symbol do not significantly differ (P=.10, Duncan's New MRT).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Yates=4,5,6,7

Column 1: EPPO species (Bayer) codes; CANOLA, , , ; VIGOUR; VISUAL; 0-5 index/scale

Column 2: EPPO species (Bayer) codes; CANOLA, , , ; VIGOUR; VISUAL; 0-5 index/scale

Column 3: EPPO species (Bayer) codes; CANOLA, , , ; VIGOUR; VISUAL; 0-5 index/scale

Column 4: EPPO species (Bayer) codes; CANOLA, , , RAW; yield; G/PLOT

Column 5: EPPO species (Bayer) codes; CANOLA, , , RAW; MOIST; yield; kilograms per hectare

Column 6: EPPO species (Bayer) codes; CANOLA, , , ADJUSTED; yield; yield; bushels per acre; T1

Column 7: EPPO species (Bayer) codes; CANOLA, , , TEST; WEIGHT; kilogram per hectoliter

Could not calculate LSD (% mean diff) for columns 2 because error mean square = 0.