

Small Plot Inc

Trial ID: CROPAID20 CANOLA	Location: VULCAN	Trial Year: 2019
Protocol ID: CROPAID20 CANOLA	Investigator (Creator): Todd Morrison, P.Ag.	
Project ID: CROP AID NUTRITION INC	Study Director: Kelvin Sander	
	Sponsor Contact:	

General Trial Information

Study Director: Kelvin Sander
Investigator: Todd Morrison, P.Ag. **Title:** Managing Director

Trial Status: E established
ARM Trial Created On: Apr-24-2020

Conducted Under GLP: No
Conducted Under GEP: No

Crop Description

Crop 1: C BRSNS Brassica napus Spring rape **BBCH Scale:** BRAP
Entry Date: Dec-1-2020 **Stage Scale:** BBCH
Planting Date: May-19-2020 **Planting Rate:** 6 kg/ha
Row Spacing: 25 cm
Harvested Width: 1.5 m
Harvested Length: 8 m
% Standard Moisture: 9

Crop Type, Code	C BRSNS	C BRSNS	C BRSNS
Crop Name	Spring rape	Spring rape	Spring rape
Rating Date	Sep-15-2020	Sep-15-2020	Sep-15-2020
Part Rated	PLOT C	PLOT C	PLOT C
Rating Type	YIELD	YIELD	YIELD
Rating Unit	kg	kg	BU
Number of Subsamples	2	2	2
Days After First/Last Applic.	124 84	124 84	124 84
Trt-Eval Interval	119 DA-A	119 DA-A	119 DA-A
ARM Action Codes			TY1
Number of Decimals			0
Trt Treatment			
No. Name	1*	2*	3*
1 UTC - NO CROP AID	2.7326 -	9.3975 -	40 -
2 CROP AID PLUS	2.9568 -	9.6205 -	44 -
CROP AID PLUS			
CROP AID REACT			
LSD P=.05	0.46753	0.96814	6.8
Standard Deviation	0.20776	0.43022	3.0
CV	7.3	4.52	7.18
Levene's F	0.26	0.861	0.192
Levene's Prob(F)	0.628	0.389	0.676
Skewness	-0.3387	0.6454	-0.3507
Kurtosis	-0.4931	1.2635	-0.328
Replicate F	0.035	0.166	0.025
Replicate Prob(F)	0.9897	0.9126	0.9934
Treatment F	2.327	0.537	2.257
Treatment Prob(F)	0.2245	0.5166	0.2300

Crop Type, Code

C = EPPO species (Bayer) codes
 BRSNS, BRAP, Brassica napus, Spring rape = US

Part Rated

PLOT = plot
 C = Crop is Part Rated

Rating Type

YIELD = yield

Rating Unit

kg = kilogram
 BU = bushel

ARM Action Codes

TY1 = $14.86979 * [C1] * (100 - [C2]) / 91$

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ARM Action Codes			TY1	
Number of Decimals			0	
Trt Treatment	Appl			
No. Name	Code Plot			
		1	2	3
1 UTC - NO CROP AID	101	2.8185	9.4665	42
	201	2.5440	9.4455	38
	301	2.6590	9.0455	40
	401	2.9090	9.6325	43
	Mean =	2.7326	9.3975	40
2 CROP AID PLUS	A 102	2.8925	9.6830	43
CROP AID PLUS	B 202	3.0650	9.2035	45
CROP AID REACT	B 302	3.0720	10.1300	45
	402	2.7975	9.4655	41
	Mean =	2.9568	9.6205	44

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Trial Comments

The Canola this year was seeded into good moisture and received good moisture right after. We did see some crusting from the rainfall that seemed to slow the plant stand but overall was still 5 plants per foot. Weeds, disease and insects were all very low for the trial this year. There was no pod damage or shatter loss at harvest. We do see a yield increase in year 2 of this rotation. The rotation is leaning toward higher yields. Rainfall was good for May-July. August was hot and dry however and matured everything faster than anticipated.