

Small Plot Inc

Trial ID: CROPAID19 CANOLA	Location: VULCAN	Trial Year: 2019
Protocol ID: CROPAID19 CANOLA	Investigator: Todd Morrison, P.Ag.	
Project ID: CROP AID NUTRITION INC	Study Director: Kelvin Sander	
	Sponsor Contact:	

Crop Type, Code	C -	C -	C -	
Rating Type			YIELD	
Rating Unit			BU	
Number of Subsamples	2	2	2	
Data Entry Date	Oct-9-2019	Oct-9-2019	Oct-9-2019	
ARM Action Codes			TY1	
Number of Decimals			0	
Trt Treatment	Rate Appl			
No. Name	Rate Unit Code Plot	1	2	
1 BUFFER	101	1.2080	8.7970	19
	101			.
	201	1.3870	9.1930	22
	201			.
	301	1.2410	7.8810	20
	301			.
	401	1.4100	8.0320	22
	401			.
	Mean =	1.3115	8.4758	21
2 UTC - NO CROP AID	A 102	1.3400	9.1180	21
	102	1.3960	9.2920	22
	202	1.0750	7.2910	17
	202	1.1620	7.4940	19
	302	1.1650	7.8710	19
	302	1.1370	7.8260	18
	402	1.3170	9.5530	21
	402	1.3340	9.0740	21
	Mean =	1.2408	8.4399	20
3 CROP AID SOIL	1.235 l/ha B 103	1.3930	9.1770	22
	CROP AID SOIL 1.235 l/ha C 103	1.1420	8.3160	18
	CROP AID FOLIAR FERT 2.47 l/ha C 203	1.3450	7.2620	22
	203	1.2390	8.7640	20
	303	1.3020	8.7780	21
	303	1.2620	8.1530	20
	403	1.2930	7.9010	21
	403	1.3860	8.6710	22
	Mean =	1.2953	8.3778	21
4 BUFFER	104	1.1960	9.3680	19
	104			.
	204	1.5190	9.9700	24
	204			.
	304	1.2250	8.7800	19
	304			.
	404	1.3260	10.7700	20
	404			.
	Mean =	1.3165	9.7220	21

Crop Type, Code
 C = EPPO species (Bayer) codes
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 TY1 = 14.86979*[1]*(100-[2])/86

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Number of Decimals			0
Trt Treatment	Rate	Unit	Code
1 BUFFER	1.3115 -		1*
2 UTC - NO CROP AID	1.2408 -	A	2*
3 CROP AID SOIL	1.2953 -	1.235 l/ha	3*
CROP AID SOIL		1.235 l/ha	
CROP AID FOLIAR FERT		2.47 l/ha	
4 BUFFER	1.3165 -		21 -
LSD P=.05	0.17118		1.13698
Standard Deviation	0.10702		0.71080
CV	8.29		8.12
Levene's F	2.674		3.615
Levene's Prob(F)	0.095		0.046*
Skewness	0.3738		0.6565
Kurtosis	0.2511		0.4612
Replicate F	1.202		1.236
Replicate Prob(F)	0.3635		0.3524
Treatment F	0.421		3.311
Treatment Prob(F)	0.7427		0.0711

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 * Adjusted means

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Trial ID: CROPAID19 PEAS	Location: VULCAN	Trial Year: 2019
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Project ID: CROP AID NUTRITION INC	Study Director: Kelvin Sander	
	Sponsor Contact:	

Crop Type, Code	C -	C -	C -
Rating Type			YIELD
Rating Unit			BU
Number of Subsamples	2	2	2
Data Entry Date	Aug-27-2019	Aug-27-2019	Aug-27-2019
ARM Action Codes			TY1
Number of Decimals			0
Trt Treatment			
Rate			
Appl			
No. Name	1	2	3
1 UNTREATED CHECK NO CROPAID			
101	1.5850	13.6780	20
101	1.7180	13.4900	21
201	2.2920	13.4270	29
201	2.1620	13.4380	27
301	2.3580	13.6230	29
301	2.2150	13.4520	28
401	1.8400	13.6620	23
401	1.6490	13.5790	21
Mean =	1.9774	13.5436	25
2 CROP AID SEED			
3.7 ml ai/kg B	2.2910	13.5840	29
CROP AID SOIL			
1.235 l/ha A	2.3480	13.2430	29
CROP AID SOIL			
1.235 l/ha C	2.2510	13.1310	41
CROP AID FOLIAR FERT			
2.47 l/ha C	2.9850	13.3580	37
302	2.9380	13.5670	37
302	2.7790	13.2810	35
402	2.0250	13.4380	25
402	2.1160	13.4180	26
Mean =	2.5916	13.3775	32

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Rating Type			YIELD
Rating Unit			BU
Number of Subsamples	2	2	2
Data Entry Date	Aug-27-2019	Aug-27-2019	Aug-27-2019
ARM Action Codes			TY1
Number of Decimals			0
Trt Treatment	Rate	Appl	
No. Name	Unit	Code	
1 UNTREATED CHECK NO CROPAID			1* 2* 3*
			1.9774 b 13.5436 a 25 b
2 CROP AID SEED	3.7 ml ai/kg B		
CROP AID SOIL	1.235 l/ha A		
CROP AID SOIL	1.235 l/ha C		
CROP AID FOLIAR FERT	2.47 l/ha C		
LSD P=.05	0.37244	0.05783	4.7
Standard Deviation	0.16551	0.02570	2.1
CV	7.24	0.19	7.28
Levene's F	2.321	0.043	2.292
Levene's Prob(F)	0.178	0.842	0.181
Skewness	0.5214	-0.4393	0.5264
Kurtosis	-0.3853	0.4492	-0.3675
Replicate F	11.318	21.017	11.299
Replicate Prob(F)	0.0383	0.0162	0.0384
Treatment F	27.548	83.572	27.653
Treatment Prob(F)	0.0135	0.0028	0.0134

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	Sponsor Contact:	

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Rating Type			YIELD
Rating Unit			BU
Number of Subsamples	2	2	2
Data Entry Date	Aug-27-2019	Aug-27-2019	Aug-27-2019
ARM Action Codes			TY1
Number of Decimals			0
Trt Treatment	Rate	Appl	
No. Name	Rate Unit	Code Plot	
		1	2
		3	
1 UNTREATED CHECK NO CROPAID		101	39
		101	40
		201	38
		201	41
		301	38
		301	41
		401	38
		401	45
		Mean =	40
2 CROP AID SEED	3.7 ml ai/kg	B 102	38
CROP AID SOIL	1.235 l/ha	A 102	44
CROP AID SOIL	1.235 l/ha	C 202	38
CROP AID FOLIAR FERT	2.47 l/ha	C 202	45
		302	39
		302	45
		402	38
		402	49
		Mean =	42

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Rating Unit
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Data Entry Date	Aug-27-2019	Aug-27-2019	Aug-27-2019
ARM Action Codes			TY1
Number of Decimals			0
Trt Treatment No. Name	Rate Unit	Appl Code	
1 UNTREATED CHECK NO CROPAID			
		1*	2*
			3*
3.3824 -		17.6483 a	40 b
2 CROP AID SEED	3.7 ml ai/kg B		
CROP AID SOIL	1.235 l/ha A	3.4626 -	15.8901 b
CROP AID SOIL	1.235 l/ha C		42 a
CROP AID FOLIAR FERT	2.47 l/ha C		
LSD P=.05	0.12806	1.11007	1.1
Standard Deviation	0.05691	0.49329	0.5
CV	1.66	2.94	1.2
Levene's F	0.57	3.134	0.632
Levene's Prob(F)	0.479	0.127	0.457
Skewness	0.7771	0.97	0.5964
Kurtosis	0.2582	0.263	-0.5675
Replicate F	2.652	4.505	9.959
Replicate Prob(F)	0.2221	0.1240	0.0455
Treatment F	3.977	25.405	27.843
Treatment Prob(F)	0.1401	0.0151	0.0133

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