

Small Plot Inc

Trial ID: CROPAID20 WHT	Location: VULCAN	Trial Year: 2019
Protocol ID: CROPAID20 WHT PULSE	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 TRZAS Triticum aestivum Spring wheat
Entry Date: Dec-1-2020 **Stage Scale:** BBCH
Planting Date: May-19-2020
Planting Method: DRILLE drilled
Planting Equipment: PD plot drilling machine
Harvested Width: 1.5 m
Harvested Length: 8 m
% Standard Moisture: 13

Crop Type, Code	C TRZAS	C TRZAS	C TRZAS
Crop Name	Spring wheat	Spring wheat	Spring wheat
Rating Date	Aug-27-2020	Aug-27-2020	Aug-27-2020
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.	100 65	100 65	100 65
Trt-Eval Interval	100 DA-A	100 DA-A	100 DA-A
ARM Action Codes			TY1
Number of Decimals			0
Trt Treatment	Rate	Appl	
No. Name	Rate Unit	Code	
1 UNTREATED CHECK NO CROPAID		1*	2* 3*
2 CROP AID SEED	3.7 ml ai/kg A		
CROP AID PLUS	0.25 l/acre B		
CROP AID PLUS	0.25 l/acre C		
CROP AID REACT	1 l/acre C		
LSD P=.05	0.23504	0.43434	2.6
Standard Deviation	0.10445	0.19301	1.2
CV	2.09	1.71	1.86
Levene's F	0.612	1.245	0.459
Levene's Prob(F)	0.464	0.307	0.523
Skewness	1.3354	0.8321	1.2383
Kurtosis	2.7286	0.3162	2.3334
Replicate F	4.137	12.275	3.559
Replicate Prob(F)	0.1370	0.0343	0.1624
Treatment F	14.904	2.387	17.279
Treatment Prob(F)	0.0307	0.2200	0.0253

Crop Type, Code

C = EPPO species (Bayer) codes
 TRZAS, BCER, Triticum aestivum, Spring wheat = US

Part Rated

PLOT = plot
 C = Crop is Part Rated

Rating Type

YIELD = yield

Rating Unit

kg = kilogram

BU = bushel

ARM Action Codes

TY1 = $12.39149 * [1] * (100 - [2]) / 87$

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ARM Action Codes			TY1
Number of Decimals			0

Trt Treatment	Rate	Appl	
No. Name	Rate Unit	Code Plot	
1 UNTREATED CHECK NO CROPAID			1 2 3
		101	4.7225 10.7640 60
		201	4.8700 11.1475 62
		301	4.8400 11.2755 61
		401	4.9615 11.6615 62
		Mean =	4.8485 11.2121 61
2 CROP AID SEED	3.7 ml ai/kg A	102	4.9880 10.8730 63
CROP AID PLUS	0.25 l/acre B	202	5.0010 11.0460 63
CROP AID PLUS	0.25 l/acre C	302	5.0975 11.5715 64
CROP AID REACT	1 l/acre C	402	5.4480 12.2015 68
		Mean =	5.1336 11.4230 65

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ARM Action Codes
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Trial Comments

The wheat this year was seeded and received good moisture right after. The plant stand was great at 25 plants per foot. Weeds, disease and insects were all very low for the trial this year. There was no lodging in the wheat. We do see a yield increase in year 2 of this rotation. Rainfall was good for May-July. August was hot and dry however and matured everything faster than anticipated.