

Ag-Quest

Crop Aid Nutrition Barley 2019

Trial ID: CA19SSK01BAPHA2019 Location: Saskatoon Trial Year: 2019

Protocol ID: Investigator: Paul Happ

Project ID: Study Director: Kelvin Sander

Sponsor Contact:

Crop Type, Code	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY	C BARLEY		
Crop Name											CRUDE		
Rating Date	6/17/2019	7/4/2019	7/29/2019	9/3/2019	9/3/2019	9/3/2019	9/3/2019	9/3/2019	9/3/2019				
Part Rated	VIGOUR -	VIGOUR -	VIGOUR -										
Rating Type	VISUAL	VISUAL	VISUAL	RAW YIELD	MOISTURE	YIELD	ADJ YIELD	TEST WT	PROTEIN				
Rating Unit	0-5	0-5	0-5	g/plot	%	KG/HA	BU/AC	KG/HL	% DRY				
Data Entry Date	11/1/2019	11/1/2019	11/1/2019	11/1/2019	11/1/2019	11/1/2019		11/1/2019					
Trt-Eval Interval											MATTER		
ARM Action Codes							TY1	T2					
Number of Decimals								0	1				
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	1	2	3	4	5	6	7	8	9
	1 Untreated Check				3 a	4 a	3.2 a	7279.7 b	17.1 a	4921 b	93.5 b	57.67 a	
	2 Crop Aid Seed		4.6 ml/kg	A	3 a	4 a	3.3 a	7552.3 a	17.6 a	5073 a	96.4 a	57.5 a	
	Round Up Weather max		0.51 l/acre	B									
	Crop Aid Soil		0.25 l/acre	B									
	Tundra		0.81 l/acre	C									
	Crop Aid Foliar		1 l/acre	C									
	Crop Aid Soil		0.25 l/acre	C									
LSD P=.10							0.34	203.7	0.853	133.1	2.53	0.542	
Standard Deviation					0	0	0.29	175.09	0.733	114.4	2.17	0.466	
CV					0	0	8.88	2.36	4.23	2.29	2.29	0.81	
Bartlett's X2					0	0	0.261	0.365	5.659	0.073	0.073	0.031	
P(Bartlett's X2)							0.61	0.546	0.017*	0.787	0.787	0.86	
Replicate F					0	0	4.2	14.284	1.416	18.234	18.234	2.804	
Replicate Prob(F)					1	1	0.0706	0.0055	0.3559	0.0032	0.0032	0.1412	
Treatment F					0	0	1	7.275	1.394	5.258	5.258	0.383	
Treatment Prob(F)					1	1	0.3632	0.0429	0.2908	0.0704	0.0704	0.5629	

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.

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

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

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

Column 4: Eppo species (Bayer) codes; BARLEY, , , ; RAW YIELD; g/plot

Column 5: Eppo species (Bayer) codes; BARLEY, , , ; MOISTURE; percent

Column 6: Eppo species (Bayer) codes; BARLEY, , , ; yield; kilograms per hectare; TY1

Column 7: Eppo species (Bayer) codes; BARLEY, , , ; ADJ YIELD; bushels per acre; T2

Column 8: Eppo species (Bayer) codes; BARLEY, , , ; TEST WT; kilogram per hectoliter

Column 9: Eppo species (Bayer) codes; BARLEY, , , CRUDE; PROTEIN; % DRY

Could not calculate LSD (% mean diff) for columns 1,2,9 because error mean square = 0.