

NPARA

NP17-32 CWHWS Wheat VT	
Trial ID:NP17-32 CWHWS Wheat VT	Location:NPARA Trial Year:2017
Protocol ID:NP17-32 CWHWS Wheat VT	Investigator:Tom Fromme
Crop:Wheat	Study Director:
Project ID:NP17-32 CWHWS Wheat VT	Sponsor Contact:

General Trial Information	
Investigator:Tom Fromme	Title:Research Coordinator

Trial Location	
City:North Star	Country:CAN Canada
State/Prov.:Alberta	
Postal Code:T0H 2T0	Climate Zone:USMOU US Mountain

Conducted Under GLP:No
 Conducted Under GEP:No

Investigator:Tom Fromme Title:Research Coordinator
 Organization:North Peace Applied Research Association
 Address:Box 750 Phone No.:(780) 836-3354
 City+State/Prov:Manning
 Postal Code:T0H 2M0 E-mail:tom@npara.ca
 Country:CAN Canada

Crop Description	
Crop 1:TRZAS Triticum aestivum (spring) Spring wheat	
Variety:VT	BBCH Scale:BCER
	Planting Date:5/11/2017
	Planting Method:DRILLE drilled
	Planting Equipment:DD Disc Drill
	Emergence Date:5/23/2017
	Harvest Date:8/29/2017
	Harvested Width, Unit:1.4 m
	Harvested Length, Unit:7.5 m
	Harvest Equipment:plot harvester
	% Standard Moisture:14.5
Depth, Unit:1.38 in	
Row Spacing, Unit:9 in	
Soil Temperature, Unit:43 F	

Site and Design	
Treated Plot Width:1.4 m	
Treated Plot Length:8 m	
Treated Plot Area:11.2 m2	Treatments:4
Replications:4	Tillage Type:NOTILL no-till
	Study Design:RACOBL Randomized Complete Block (RCB)

Maintenance										
No.	Date	Type	Maintenance Product Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit	Tank Mix Code	Tank Mix
1.	5/18/2017	MAINT	Heat LQ				59	mL/A	Y	yes
2.	5/18/2017	MAINT	Merge				200	mL/A	Y	yes
3.	5/18/2017	MAINT	Roundup Transorb				200	mL/A	Y	yes
4.	6/13/2017	HERB	Lontrel				170	mL/A		
5.	6/13/2017	HERB	2,4-D Amine	4	LBA/GAL	L	113	mL/A		
6.	6/26/2017	HERB	Prestige A				0.17	L/A		
7.	6/26/2017	HERB	Prestige B				0.8	L/A		

Field Prep./Maintenance:

May 29, 2017: 150lbs/A urea broadcast, 80lbs/A 11-52-0 broadcast

June 12, 2017: 60mL/A Decis on perimeter

June 26, 2017: 1.5gal/A G22, 1.5 gal/A HKW

NPARA

NP17-32 CWHWS Wheat VT

Trial ID:NP17-32 CWHWS Wheat VT Location:NPARA Trial Year:2017
 Protocol ID:NP17-32 CWHWS Wheat VT Investigator:Tom Fromme
 Crop:Wheat Study Director:
 Project ID:NP17-32 CWHWS Wheat VT Sponsor Contact:

Rating Date	8/30/2017	8/30/2017	8/30/2017				
Rating Data Type	MOISTURE	WEIGHT	YIELD	PROTEIN	MOISTURE	TEST WT	
Rating Unit	%	g	BU	%	%		
Sample Size		1	1				
Sample Size Unit		PLOT	A				
Number of Subsamples	1	1	1	1	1	1	
Days After Emergence	99 DE-1	99 DE-1	99 DE-1				
Number of Decimals			1	1	1	1	
Entry No.	Entry Name	2	3	4	6	7	8
1	Snowstar	17.2a	2748.8a	37.5a	14.0	15.8	64.3
2	Whitehawk	16.8a	2759.8a	38.0a	14.9	14.6	64.1
3	CDC Whitewood (HW612)	18.6a	3038.5a	41.0a	14.5	14.8	62.9
4	AAC Whitefox (HW027)	18.9a	2820.3a	37.9a	13.0	17.9	59.3
LSD P=.05	4.31 - 4.90	557.57	7.98				
Standard Deviation	0.07t	348.57	4.99				
CV	5.19t	12.27	12.93				
Bartlett's X2	4.986	2.47	3.349				
P(Bartlett's X2)	0.173	0.481	0.341				
Skewness	1.1034	0.5059	0.1868	-0.9122	1.3623	-1.6135	
Kurtosis	0.374	0.4191	0.1935	0.4648	1.3442	2.465	
Replicate F	1.818	1.729	2.414				
Replicate Prob(F)	0.2139	0.2304	0.1338				
Treatment F	0.534	0.599	0.414				
Treatment Prob(F)	0.6703	0.6319	0.7472				

Rating Data Type
 MOICON = moisture content
 WEIGHT = weight
 YIELD = yield
 PROCON = protein content

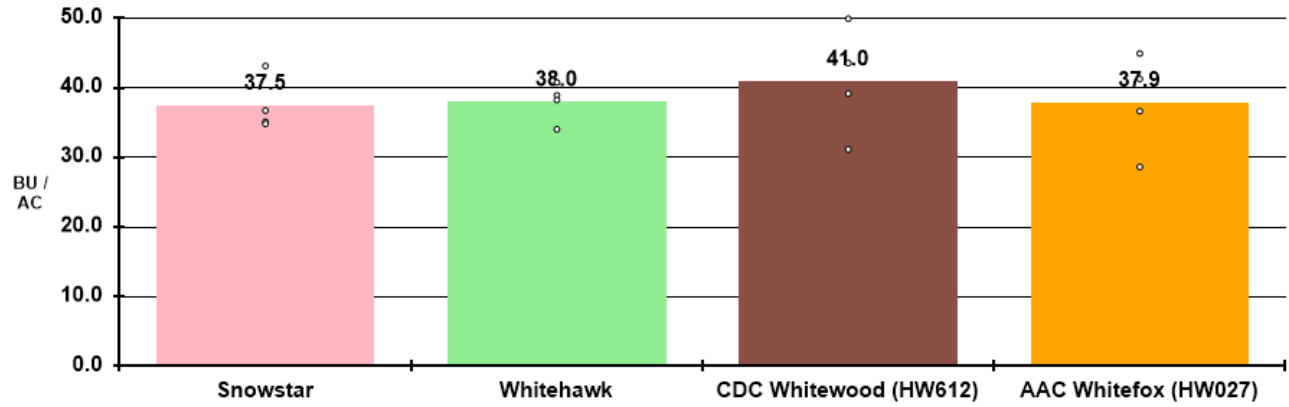
Rating Unit
 % = percent
 g = gram
 BU = bushel

Sample Size Unit
 PLOT = total plot
 A = acre

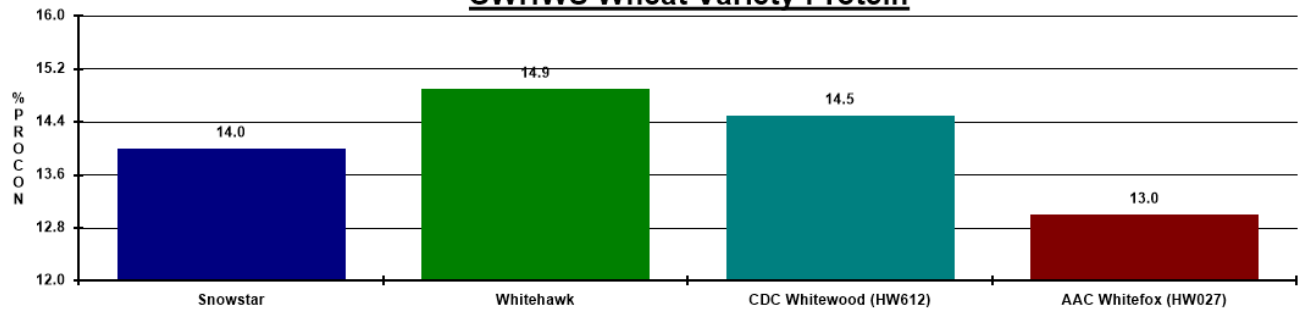
ARM Action Codes
 TY1 = 0.0141617*[C3]*(100-[C2])/85.5

Means followed by same letter or symbol do not significantly differ (P=.05, Student-Newman-Keuls)
 t=Mean descriptions are reported in transformed data units, and are not de-transformed.
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 6,7,8 because error mean square = 0.

2017 CWHWS Wheat Variety Trial Yield



CWHWS Wheat Variety Protein



CWHWS Wheat Variety Test Weight

