



## Public Wheat Yield Trial Velva, ND 2005

Planted April 29th		Moisture		Protein		Plant Height		Test Wght		Yield		Head	Leaf	Leaf	Straw
Variety	Company	%	Rank	%	Rank	Inches	Rank	LB	Rank	bu/ac	Rank	Scab	Disease	Rust	Strength
Knudson	AgriPro	17.0	8	14.9	8	34.3	4	60.9	3	54.8	1	ms	m	mr	strg
Granite	WPB	18.4	10	16.6	1	35.5	8	62.3	1	53.2	2	ms	s	mr	V strg
Freyr	AgriPro	16.6	6	15.2	6	35.0	5	60.0	7	52.5	3	mr	?	mr	strg
Kelby	AgriPro	12.7	2	15.4	5	30.5	1	60.5	5	51.7	4	mr	mr	mr	strg
Hanna	AgriPro	17.9	9	15.7	4	35.0	6	61.5	2	48.2	5	ms	ms	ms/mr	med
Alsen	NDSU	16.8	7	14.8	9	41.0	10	60.8	4	48.2	6	mr	mr	s	strg
Norpro	AgriPro	15.9	4	15.1	7	34.3	3	58.6	9	45.4	7	ms	m	ms/mr	strg
Steele-ND	NDSU	16.6	5	15.8	3	33.5	2	60.4	6	44.6	8	mr/ms	?	r	med
Dapp's	NDSU	14.6	3	16.4	2	39.3	9	59.4	8	43.9	9	ms	s	r	med
Reeder	NDSU	12.3	1	14.4	10	35.3	7	56.8	10	34.3	10	s	m	ms/mr	strg
LSD (P=.05)		1.59		1.08		2.52		1.34		4.91		<b>Comments</b>			
Standard Deviation		1.09		0.48		1.73		0.59		3.37					
CV		6.86		3.09		4.9		0.99		7.06					
Grand Mean		15.86		15.41		35.35		60.1		47.68					
Yields were corrected to 13% moisture															
Site history		Loam soil (Field Pea 2004)													
Seeding Type		Zero-Till													
Location		Velva, ND - McHenry County													
Plot size		5 ft x 25 ft 4 replicates													
Planting Date		April 29th													
Harvest Date		August 13th													
Fertility		25 lbs P and 100 lbs N													
Herbicides		Puma+Bronate													
Fungicide		No fungicide was applied													
Included are NDSU's rankings for disease response for each variety. Disease pressure was moderately high with rust, tan spot, septoria and head scab. Spraying with a fungicide at flowering may have changed the ranking of these varieties. For those who did not or were not able to spray fungicides this year this data may resemble your field results.															

2004 Results				
Variety	Yield bu/ac	Moisture %	Testweight	Protein
Freyr	47.6	12.35	59.1	14.5
Granite	44.5	12.60	61.8	15.4
Norpro	42.9	12.35	59.1	13.6
Knudson	41.4	13.20	59.9	13.5
Hanna	39.4	15.00	60.1	13.8
Parshall	36.9	15.20	60.2	14.3
Alsen	36.8	15.25	59.9	14.1
Trooper	36.6	14.50	59.8	13.9