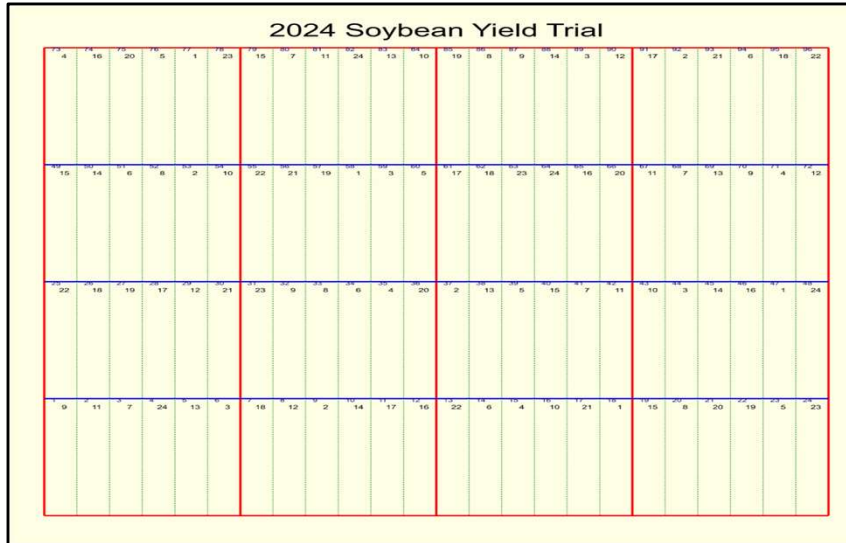


2024 Soybean Variety Yield Trial

Velva, North Dakota



Analysis of variance

Variate: Bu_Acre

Source of variation	d.f.	s.s.	m.s.	v.r.	F pr.
RowReps stratum	3	226.773	75.591	8.20	
ColReps stratum	3	671.047	223.682	24.26	
RowReps.ColReps.*Units* stratum					
Variety	23	3485.874	151.560	16.44	<.001
Residual	66	608.621	9.222		
Total	95	4992.316			

Stratum standard errors and coefficients of variation

Variate: Bu_Acre

Stratum	d.f.	s.e.	cv%
RowReps	3	1.775	3.9
ColReps	3	3.053	6.7
RowReps.ColReps.*Units*	66	3.037	6.7

Soybean Varieties

Variety	Company	Bu/Acre	% Pod Loss
XF30-42	Proseed	56.1	17.5
24FX04	Peterson	54.0	30
AG02XF5	Asgrow	53.5	20
NK03-J1XF	NK	53.5	17.5
AG05XF4	Asgrow	52.5	12.5
XF0493	Integra	52.2	20
AG04XF4	Asgrow	50.8	15
XF30-092	Proseed	48.9	20
25XF05	Peterson	47.6	25
S05XF73	Dynagro	47.6	20
NK008-P8XF	NK	46.5	22.5
AG01FX3	Asgrow	45.7	17.5
NK02-Y2XF	NK	45.2	17.5
XF0212	Integra	43.7	17.5
AG03XF2	Asgrow	43.1	12.5
S01XF25	Dynagro	42.0	17.5
24XF01	Peterson	41.6	22.5
XF0115	Integra	40.4	15
S01XF43	Dynagro	40.2	17.5
XF40-12	Proseed	39.8	15
L0114XF	Latham	39.4	20
H01XF3	Hefty	39.1	17.5
AG009XF3	Asgrow	38.2	17.5
L0725XF	Latham	32.7	15
LSD (P=0.05)		4.3	
CV (%)		6.7	
p-value		0.001	
Mean		45.6	
Planted May 18			
Harvested October 8			
Doubly Resolvable Design with 4 Reps			
Weather event October 6, max speed 56 MPH			
Percent pod loss is a visual estimate			

