

2018 Narrow Row Dry Bean Preliminary Yield Trial (PYT) - Huron Research Station

No.	Name	Market Class	Sponsor	Yield Rank	Yield (kg/ha)	Yield Index	Seed Weight (g/100)	Days to Maturity	Lodging (1-5; 1=low)	Harvestability (1-5; 1=good)	Seed Quality (1-5; 1=good)
1	HMS Medalist	White	AmeriSeed	3	4248	110	21.2	113.3	2.4	2.0	2.5
2	Rexeter	White	HDC	9	3994	103	22.1	112.8	2.5	2.1	2.3
3	T9905	White	WG Thompson	8	4002	103	25.9	113.8	3.0	2.5	3.0
4	Mist	White	HDC	15	3871	100	23.5	113.8	2.0	1.8	2.0
5	Lighthouse	White	ACUG	14	3889	100	23.7	114.0	1.9	1.8	1.8
6	Bolt	White	HDC	22	3418	88	26.9	112.0	2.4	2.1	2.3
7	AAC Shock	White	HDC	17	3769	97	25.1	113.0	2.6	2.0	2.4
8	AAC Argosy	White	ACUG	19	3756	97	24.5	114.3	2.1	1.8	2.1
9	N14229	White	MSU	23	3229	83	20.0	112.0	2.4	1.9	2.1
10	NA14068	White	AmeriSeed	7	4053	105	24.7	113.5	2.4	1.8	2.6
11	NA14084	White	AmeriSeed	12	3938	102	23.4	112.8	2.1	1.8	1.9
12	NA15095	White	AmeriSeed	2	4293	111	22.3	114.0	2.4	2.0	2.3
13	NA15094	White	AmeriSeed	1	4349	112	24.9	112.3	2.6	1.9	2.0
14	Zorro	Black	MSU	10	3967	102	24.6	113.8	2.9	2.1	1.9
15	Zenith	Black	MSU	5	4184	108	25.7	113.8	2.3	1.6	1.8
16	B16504	Black	MSU	4	4199	108	24.8	112.5	2.1	1.8	2.0
17	BL14504	Black	Coop Elevator	13	3924	101	28.9	112.5	2.3	1.8	2.0
18	BL14500	Black	Coop Elevator	11	3961	102	27.0	114.3	1.9	1.5	1.9
19	ACUG15-B4	Black	ACUG	6	4108	106	23.8	114.3	2.4	1.9	2.0
20	S03-W4	Soybean	Syngenta	24	2963	76	19.6	105.3	1.0	1.0	2.0
21	Viper	SR	ADM	21	3635	94	33.9	113.3	2.9	2.3	2.0
22	Cayenne	SR	MSU	16	3798	98	39.3	112.3	3.3	2.6	2.0
23	OAC Rosito	SR	ACUG	18	3766	97	25.4	113.8	1.8	1.6	1.8
24	La Paz	Pinto	AmeriSeed	20	3737	96	40.5	111.8	3.4	2.9	2.0
Mean					3877	100	25.9	112.9	2.4	1.9	2.1
LSD (P=.05)					634		1.0	1.1	0.5	0.5	0.3
CV					11.6		2.8	0.7	14.9	17.4	11.0

Trial Summary

Design: RCBD

Row Width: Narrow = 15 inch (38 cm)

Number of Rows Per Plot: 6

Number of Rows Harvested Per Plot: 4

Plot Length: 6 m

Harvest Length: 5 m

Seeding Rate: 17 seeds/m

Seed Treatment: CruiserMaxxBean + Dynasty

Fertilizer: 0-0-100 lbs applied and ploughed in fall

15 gallons/ac 28% ppi (June 6)

Herbicide: Pursuit .2 L/ha, Frontier .75 L/ha, Prowl (1l/ha) ppi (June 6)

Fungicide/Insecticide:

Matador (83ml/ha), Headline (400ml/ha),Allegro (600ml/ha) (July 19)

Matador (83mL/ha), Propulse (750mL/ha), (July 31)

Matador (50mL/ha), Quadris (500mL/ha), Allegro (1L/ha) (August 15)

Dessication: Eragon (146g/ha), Merge (1l/ha) (September 23)

Planting Date: June 7

Harvest Date: October 16