

**2017 Narrow Row Dry Bean Preliminary Yield Trial (PYT) - Auburn**

No.	Name	Market Class	Sponsor	Yield Rank	Yield* (kg/ha)	Yield Index	Yield / Maturity	Seed Weight (g/100)	Days to Maturity	Height (cm)	Seed Quality (1-5, 5=low)	Lodging (1-5, 1=low)	Harvestability (1-5, 1=good)
1	HMS Medalist	White	AmeriSeed	23	2989	92	30	16.6	101	46.0	1.6	1.0	1.1
2	Rexeter	White	HDC	2	3961	121	36	21.6	111	45.5	1.3	2.4	2.4
3	T9905	White	WG Thompson	17	3241	99	30	22.7	107	42.5	1.4	1.3	1.6
4	Mist (ACUG 10-6)	White	HDC	9	3642	112	33	23.5	109	45.8	1.3	1.1	1.5
5	Lighthouse	White	ACUG	5	3744	115	35	22.4	108	46.0	1.8	1.1	1.5
6	Bolt	White	ACUG	29	2533	78	25	23.3	102	47.8	2.0	1.3	1.4
7	Fathom (12-5)	White	ACUG	26	2773	85	27	22.5	104	43.5	1.6	1.0	1.4
8	AAC Shock (14-1)	White	ACUG	10	3610	111	34	24.5	105	46.8	1.0	1.6	1.5
9	NA14229	White	AmeriSeed	30	2519	77	25	16.7	102	49.3	1.6	1.0	1.4
10	NA12062	White	AmeriSeed	28	2569	79	25	17.0	101	53.3	1.8	1.0	1.3
11	NA12063	White	AmeriSeed	6	3714	114	36	20.9	103	57.3	1.8	1.4	1.5
12	NA13068	White	AmeriSeed	8	3656	112	36	19.8	102	51.0	1.5	1.0	1.3
13	Zorro	Black	MSU	19	3124	96	29	22.2	107	48.3	1.5	1.0	1.5
14	Shania	Black	ADM	11	3568	109	33	20.3	108	51.3	1.6	1.6	1.6
15	Zenith (B10244)	Black	MSU	31	2342	72	23	21.3	104	46.3	1.5	1.1	1.8
16	Black Tails (13489)	Black	Coop Elevator	27	2648	81	26	19.1	101	46.0	1.9	1.0	1.4
17	Black Bear (12576)	Black	Coop Elevator	22	3028	93	28	18.5	107	54.3	2.0	1.0	1.4
18	BL14506	Black	Coop Elevator	3	3834	117	36	21.4	106	58.8	1.3	1.1	1.0
19	BL14497	Black	Coop Elevator	12	3502	107	34	22.7	104	50.8	1.8	1.0	1.1
20	B8006282	Black	ADM	18	3211	98	32	20.4	101	45.0	1.6	1.0	1.3
21	B1048276	Black	ADM	25	2883	88	29	19.5	99	48.0	1.8	1.3	1.6
22	B0040613	Black	ADM	16	3315	102	32	20.6	103	50.5	1.4	1.3	1.4
23	B1048280	Black	ADM	21	3058	94	31	18.8	100	49.5	1.5	1.1	1.5
24	ACUG15-B4	Black	ACUG	1	4150	127	38	22.3	110	50.8	1.3	1.6	1.5
25	S03-W4	Soybean	Syngenta	4	3826	117	33	22.6	115	74.0	1.8	1.0	1.0
26	Viper (09303)	SR	ADM	13	3431	105	33	29.3	105	42.5	1.6	1.6	1.8
27	PROVR11511	SR	ProVita	7	3672	113	35	42.4	105	57.5	1.8	2.0	1.8
28	Cayenne (R12844)	SR	MSU	15	3328	102	33	32.7	100	46.0	2.0	1.5	1.6
29	OAC Rosito	SR	ACUG	14	3334	102	31	22.3	107	45.3	1.9	1.0	1.4
30	Vibrant	Pinto	Ameriseed	20	3100	95	31	32.6	99	47.3	1.9	1.4	1.6
31	La Paz	Pinto	AmeriSeed	24	2889	89	29	32.9	100	51.3	1.9	1.6	1.6
				Mean	3264	100	31	23.0	104.4	49.6	1.6	1.3	1.5
				C.V.	9.5			4.5	1.6	8.1	17.2	23.8	17.3
				PR > F	0.0001			0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
				LSD(0.05)	508			1.5	2.3	5.7	0.4	0.4	0.4

**Trial Summary**

Design: RCBD	Fertilizer: 18 gal/ac UAN (54lbs/ac) ppi (June 1)
Row Width: Narrow = 15 inch (38 cm)	Herbicide: Prowl, Pursuit, ppi (June 1)
Number of Rows Per Plot: 6	Reflex (1l/ha), Assure II (0.5 l/ha), Turbocharge (0.25% v/v) (July 5)
Number of Rows Harvested Per Plot: 4	Fungicide: Matador (100ml/ha), Quadris (500ml/ha), Serenade (4l/ha), Releaf Mn (1l/ha) (July 17)
Plot Length: 6 m	Matador (50mL/ha), Quadris (500mL/ha), Allegro (1L/ha) (August 1)
Harvest Length: 5 m.	Matador (50mL/ha), Quadris (500mL/ha), Allegro (1L/ha) (August 16)
Seeding Rate: 17 seeds/m	Dessication: Erago Valtera Desiccant (140 ml/ha), Agral 90 (2L/ha) (Sept 11)
Seed Treatment: CruiserMaxxBean + Dynasty	Planting Date: June 2
	Harvest Date: September 21

\* Due to excessive water damage, rep 1 was discarded for yield