

2016 Narrow Row Dry Bean Preliminary Yield Trial (PYT) - Auburn

No.	Name	Market Class	Sponsor	Yield Rank	Yield (kg/ha)	Yield Index	Yield / Maturity	Seed		Lodging (1-5, 1=low)	Harvestability (1-5, 1=good)
								Weight (g/100)	Days to Maturity		
1	Apex	White	SECAN	28	2918	92	28	26.4	103	1.0	1.6
2	HMS Medalist	White	AmeriSeed	7	3568	113	34	22.8	104	2.0	1.8
3	Rexeter	White	HDC	19	3213	101	31	21.3	103	1.5	2.1
4	T9905	White	Thompsons	15	3351	106	33	25.6	103	1.8	1.8
5	Mist (ACUG 10-6)	White	HDC	11	3500	111	34	23.5	103	1.4	1.6
6	Bolt	White	Guelph	36	1983	63	20	24.5	99	1.1	1.9
7	Fathom (12-5)	White	Guelph	23	3068	97	29	26.0	105	2.1	2.4
8	ACUG 14-1	White	Guelph	33	2502	79	25	25.6	99	1.0	1.8
9	ACUG 14-2	White	Guelph	29	2855	90	27	25.5	106	1.6	1.5
10	SEMN1200 (SV1893GH)	White	Seminis	17	3324	105	31	25.2	106	2.0	2.0
11	Alpena (N11283)	White	MSU	26	2958	93	28	21.2	104	1.6	1.8
12	NA12047	White	AmeriSeed	24	3060	97	30	19.5	101	1.0	1.4
13	NA12062	White	AmeriSeed	8	3561	112	35	21.1	103	1.8	1.6
14	NA12063	White	AmeriSeed	12	3441	109	33	23.2	103	1.5	1.1
15	NA13068	White	AmeriSeed	16	3348	106	33	25.1	103	1.4	1.6
16	Zorro	Black	MSU	18	3323	105	33	25.0	102	1.0	1.4
17	Shania	Black	ADM	3	3735	118	36	24.2	104	1.4	1.4
18	SEMB1312 (SV6894GB)	Black	Seminis	32	2535	80	26	26.4	98	1.0	1.6
19	Zenith (B10244)	Black	MSU	14	3397	107	33	25.4	104	1.3	1.5
20	BL13489	Black	Coop Elevator	13	3431	108	35	22.9	99	1.4	1.4
21	BL12576	Black	Coop Elevator	20	3209	101	32	21.8	100	1.3	1.5
22	BL14506	Black	Coop Elevator	2	3822	121	37	26.6	104	1.1	1.0
23	BL14497	Black	Coop Elevator	10	3508	111	33	24.3	105	1.3	1.6
24	B8006282	Black	ADM	25	3025	96	31	23.4	99	1.0	1.8
25	B1048276	Black	ADM	21	3198	101	33	23.1	97	1.5	2.0
26	B0040613	Black	ADM	4	3684	116	35	26.0	104	1.6	1.6
27	ACUG15-B4	Black	Guelph	9	3532	112	35	23.7	101	1.5	1.8
28	S03-W4	Soybean	Syngenta	1	4005	126	36	23.1	110	1.0	1.0
29	Fuji	Otebo	MSU	35	2194	69	21	35.6	106	4.0	4.0
30	Merlot	SR	MSU	30	2705	85	26	40.7	103	2.5	2.4
31	Viper (09303)	SR	ADM	5	3619	114	37	32.8	98	1.3	1.4
32	PROVR11511	SR	ProVita	6	3582	113	34	44.4	105	2.1	1.5
33	R12844	SR	MSU	22	3111	98	32	38.2	98	1.4	1.4
34	Rosetta	Pink	MSU	34	2232	70	23	34.0	97	1.3	1.8
35	Vibrant	Pinto	Ameriseed	31	2551	81	25	39.1	101	1.9	2.1
36	La Paz	Pinto	AmeriSeed	27	2955	93	30	45.6	99	1.8	1.9
Mean					3167	100	31	27.3	102.2	1.5	1.7
C.V.					10.8			4.3	1.9	22.0	16.4
PR>F					0.0001			0.0001	0.0001	0.0001	0.0001
LSD (0.05)					479			1.7	2.7	0.5	0.4

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: CruiserMaxx Bean + Dynasty

Fertilizer: 19.3-15.8-17.5-3.9S-0.39Zn @ 285 lbs/ac (June 2)
 Herbicide: PPI. Dual II Magnum & Rival (June 2)
 Post Reflex (1L/ha) & Assure II (June 24)
 Valtera Desiccant (105 g/ha) (Sept 9)
 Planting Date: June 3
 Fungicide: Matador (0.083 L/ha), Quadris (0.5 L/ha), Serenade (4 L/ha), Phi-K (1 L/ha) (July 20)
 Matador (0.083 L/ha), Allegro (1 L/ha), Headline (0.4 L/ha), Releaf Mn (1 L/ha)(Aug 3)
 Matador (0.083 L/ha), Allegro (1 L/ha), Headline (0.4 L/ha), Releaf Mn (1 L/ha)(Aug 15)
 Harvest Date: Sept 21