

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

No.	Name	Market Class	Sponsor	Yield Rank	Yield (kg/ha)	Yield Index	Yield / Maturity	Seed Weight (g/100)	Days to Maturity	Lodging (1-5, 1=low)	Harvestability (1-5, 1=good)
1	Apex	White	SECAN	18	3507	102	38	25.1	93.0	1.5	1.6
2	HMS Medalist	White	AmeriSeed	27	3317	97	37	17.6	88.5	2.1	2.3
3	Rexeter	White	HDC	8	3757	110	42	19.4	90.3	1.8	2.1
4	T9905	White	Thompsons	23	3423	100	37	22.1	91.3	2.1	1.9
5	Mist (ACUG 10-6)	White	HDC	9	3686	107	42	21.6	88.5	1.5	1.6
6	Bolt	White	Guelph	26	3322	97	37	24.7	89.5	1.5	1.9
7	Fathom (12-5)	White	Guelph	33	2798	82	32	19.8	88.5	2.1	2.6
8	ACUG 14-1	White	Guelph	14	3596	105	42	24.0	84.8	1.5	1.8
9	ACUG 14-2	White	Guelph	13	3619	106	40	24.0	91.0	1.8	1.5
10	SEMNI1200 (SV1893GH)	White	Seminis	34	2679	78	29	21.8	93.0	2.3	2.1
11	Alpena (N11283)	White	MSU	10	3683	107	40	19.5	91.0	1.8	1.8
12	NA12047	White	AmeriSeed	35	2664	78	30	17.0	88.5	1.5	1.5
13	NA12062	White	AmeriSeed	36	2157	63	24	14.4	88.5	2.3	1.9
14	NA12063	White	AmeriSeed	16	3515	102	38	19.0	93.0	1.6	1.5
15	NA13068	White	AmeriSeed	12	3651	106	40	21.6	91.0	1.5	1.6
16	Zorro	Black	MSU	6	3786	110	42	21.3	89.3	1.5	1.5
17	Shania	Black	ADM	24	3391	99	38	20.6	88.5	1.5	1.5
18	SEMB1312 (SV6894GB)	Black	Seminis	4	3903	114	46	24.0	85.5	1.5	1.6
19	Zenith (B10244)	Black	MSU	25	3388	99	36	21.6	93.0	1.5	1.5
20	BL13489	Black	Coop Elevator	17	3511	102	40	21.0	87.8	1.8	1.5
21	BL12576	Black	Coop Elevator	19	3495	102	40	19.8	86.3	1.5	1.5
22	BL14506	Black	Coop Elevator	21	3438	100	37	21.4	93.0	1.5	1.5
23	BL14497	Black	Coop Elevator	15	3589	105	38	21.3	94.0	1.6	1.8
24	B8006282	Black	ADM	3	3975	116	46	21.7	85.5	1.5	1.8
25	B1048276	Black	ADM	7	3768	110	44	22.3	84.8	1.8	2.1
26	B0040613	Black	ADM	1	4079	119	44	22.7	92.0	1.5	1.6
27	ACUG15-B4	Black	Guelph	2	4062	118	46	22.8	88.5	1.8	1.8
28	S03-W4	Soybean	Syngenta	22	3426	100	35	24.2	98.0	1.5	1.5
29	Fuji	Otebo	MSU	32	2874	84	30	29.1	95.0	3.5	3.3
30	Merlot	SR	MSU	28	3155	92	34	40.0	94.0	2.6	2.3
31	Viper (09303)	SR	ADM	20	3463	101	41	30.6	84.0	1.5	1.5
32	PROVR11511	SR	ProVita	31	3031	88	32	38.4	94.0	2.1	1.9
33	R12844	SR	MSU	5	3874	113	43	38.5	90.3	1.6	1.6
34	Rosetta	Pink	MSU	29	3132	91	37	34.3	84.0	1.5	1.8
35	Vibrant	Pinto	Ameriseed	30	3091	90	33	36.4	94.0	2.0	2.1
36	La Paz	Pinto	AmeriSeed	11	3682	107	41	37.4	90.3	1.9	1.8
Mean					3430	100	38	24.5	90.1	1.8	1.8
C.V.					10.6			6.0	2.5	18.9	14.5
PR>F					0.0001			0.0001	0.0001	0.0001	0.0001
LSD (0.05)					339			2.1	3.1	0.5	0.4

### Trial Summary

Design: RCBD

Row Width: Wide = 15 inch (38 cm)

Number of Rows Per Plot: 6

Number of Rows Harvested Per Plot: 4

Plot Length: 6 m

Harvest Length: 4m

Seeding Rate: 17 seeds/m

Seed Treatment: CruiserMaxx Bean + Dynasty

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

15 gal/ac UAN (45lbs/ac) ppi (June 13)

Herbicide:PPI Pursuit 0.25 L/ha, Frontier 0.74 L/ha (June 13)

Post Reflex (1.0L/ha), Assure II (0.75L/ha)(July 17)

Manual weed control as necessary

Planting Date: June 14

Fungicide/Insecticide:

Matador (0.1 L/ha), Lance (0.77 kg/ha), Quadris (0.5 L/ha) (July 28)

Matador (0.1 L/ha), Headline (0.4 L/ha), Allegro (0.88L/ha) (August 9)

Matador (0.1 L/ha), Quadris (0.5 L/ha), Allegro (0.88L/ha) (August 22)

Dessication: Eragon/ Merge (0.071 kg/ha, 1 L/ha) (September 17)

Harvest Dates: September 22