

12BPYTB

Black,Navy & Misc. PYT - Narrow Row- Blyth

Treatment Number	Treatment Name	Type	Yield Rank	Yield (kg/ha)	Percentage of Average	Yield / Maturity	Seed Quality (1-5)	100 Seed Weight	Lodging	Harvestability	Suitability For Direct Harvest	Days to Maturity	Maturity
28	COOPB04352	Black	1	5066	119	48	1.8	21.7	1.6	1.0	E	106	M
22	Black Velvet	Black	2	4747	111	41	1.9	29.1	1.8	1.6	E	114	L
13	MSUN11226	White	3	4612	108	42	2.0	22.3	1.1	1.3	E	110	M
26	MSUB10244	Black	7	4610	108	42	2.0	27.6	1.1	1.2	E	109	M
41	PROVR09303	SR	5	4595	108	45	2.8	31.8	1.7	0.9	E	102	E
30	ACUG 10-B3	Black	6	4584	107	40	1.9	24.4	2.0	1.0	E	115	L
40	PROVR09304	SR	4	4583	107	46	2.1	35.1	3.5	3.0	G	100	E
42	La Paz	Pinto	8	4540	106	43	2.7	46.5	2.2	2.0	VG	105	E
2	HMS Medalist	White	9	4526	106	39	2.1	21.9	2.1	1.4	E	117	L
29	COOPB06252	Black	10	4503	105	43	2.1	23.5	2.2	1.6	E	105	E
19	GTS4179	White	11	4460	104	39	2.3	23.7	3.0	2.4	VG	113	L
32	GTS 1103(COB 214-99)**	Black	13	4446	104	41	2.0	25.2	2.2	2.1	VG	107	M
20	Zorro	Black	14	4445	104	41	2.1	26.6	1.1	1.3	E	109	M
25	MSUB09175	Black	15	4441	104	40	2.0	30.5	1.0	1.2	E	110	M
21	Shania	Black	17	4417	103	38	1.9	26.0	1.5	1.4	E	115	L
27	MSUB11343	Black	16	4409	103	44	1.8	25.2	1.7	1.4	E	101	E
31	Eclipse	Black	18	4386	103	44	2.2	24.9	1.1	1.0	E	100	E
23	SEMB1313	Black	21	4351	102	44	2.0	26.0	0.7	1.1	E	99	E
24	SEMB1312	Black	20	4351	102	42	2.0	25.5	1.4	1.3	E	104	M
7	AMDN8118340 (ADMN8340)	White	19	4346	102	40	2.0	23.3	1.2	1.2	E	108	M
10	SEMN1200	White	12	4326	101	38	1.9	27.4	1.5	1.3	E	115	L
14	MSUN11228	White	22	4319	101	39	2.1	20.0	1.3	1.9	E	110	M
5	Rexeter	White	23	4309	101	38	2.3	23.7	1.7	1.4	E	113	L
34	AMDB8039279 (ADMB9279)	Black	24	4297	101	40	2.0	24.9	0.9	1.0	E	108	M
12	MSUN11258	White	25	4282	100	40	2.0	21.9	0.7	1.1	E	106	M
8	AMDN8118333 (ADMN8333)	White	26	4224	99	39	2.2	24.5	2.2	1.9	E	109	M
4	ACUG 10-6	White	27	4181	98	37	2.0	24.7	1.8	2.0	VG	114	L
9	AMDN8120345 (ADMN0345)	White	28	4181	98	36	2.1	26.6	1.1	2.3	VG	115	L
16	COOPN08070	White	29	4147	97	38	1.9	25.1	1.6	1.6	E	109	M
39	Merlot	SR	30	4098	96	39	3.8	45.4	2.5	2.5	VG	104	E
17	COOPN08072	White	31	4095	96	37	1.9	23.8	1.7	1.0	E	109	M
6	Indi	White	32	4094	96	39	2.0	22.9	1.0	1.1	E	105	E
35	AMDB8038279 (ADMB8279)	Black	34	4083	96	39	2.0	24.3	0.9	1.1	E	105	E
37	S03-W4	Soybean	33	4060	95	38	1.3	21.3	1.1	0.9	E	106	M
33	GTS 2159**	Black	36	3988	93	37	2.0	28.3	3.4	3.1	G	108	M
1	Apex	White	35	3982	93	35	2.0	28.3	1.3	1.3	E	115	L
11	SEMN1246	White	37	3927	92	34	2.1	26.1	2.2	1.5	E	114	L
15	COOPN07073	White	39	3843	90	35	2.1	22.0	1.7	1.3	E	108	M
36	AMDB5054545 (ADMB4545)	Black	38	3828	90	35	2.0	26.6	1.0	1.2	E	110	M
3	AC Compass	White	40	3727	87	35	2.2	21.5	3.1	3.3	G	108	M
38	Fuji	Otebo	41	3651	85	33	2.5	36.6	5.2	5.1	P	111	L
18	GTS3976	White	42	3417	80	31	2.1	21.4	2.0	2.1	VG	111	L

Seed Quality: 1 = good 5 = poor

Mean +/- one half LSD of yield	Mean	39	1.3	26.4	1.8	2.3	108
	C.V.	5.4		31.2	3.0	19.3	11.6
Pick consists of distorted seed as a result of blight, white mold etc. damage	PR > F	0.00		0.00	0.00	0.00	0.00
	LSD(0.05)	272		0.5	0.9	0.4	0.3

Ozone: 1-10, 1 = none 10 = total leaf coverage

Maturity: <106=E, 106-110=M, >110=L

Suitability for Direct Harvest <2.0=Excellent, 2.0-2.6=Very Good, 2.7-3.3=Good, >3.3= Poor

Trial Summary

Design: RCBD (nearest neighbour)
 Row Width: Narrow = 15 inch (37 cms)
 Number of Rows Per Plot: 6
 Number of Rows Harvested Per Plot: 4
 Plot Length: 6m.
 Harvest Length: 4m.
 Seeding Rate: 20 seeds / m.

Fertilizer: 45-120-140 NPK, actual ppi
 liquid 3- 12- 3 actual at seeding (June 7)
 Herbicide: ppi. Dual .5 L/ha & Rival Dual .7 L/ha
 Herbicide: post Reflex 1 L/ha (June 27)
 Dessicant: Aim 100 mL/ha.
 Ag Surf 425 mL/ha
 Roundup T. 1.5 L/ha (Sept. 25)

Seed Treatment: Cruiser, ApronMaxx and Dynasty (1g. Fungicide: Headline .4 L/ha. Allegro 1 L/ha (Aug 4)
 Cygon 1 L/ha. Matador 43 ml/ha (Aug 4)
 Crop Booster 1.5 L/ha. (Aug 4)
 Parasol 2.25 kg/ha. (Aug. 4)
 Cygon 1 L/ha. Matador 43 ml/ha (July 2) Fungicide: Headline .4 L/ha. Allegro 1 L/ha (Aug 16)
 Crop Booster 1.5 L/ha. (July 20)
 Harvest Date: Oct. 4