

11BPYTK

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

Treatment Number	Treatment Name	Type	Yield Rank	Yield (kg/ha)	Percentage of Average	Yield / Maturity	Seed		Ozone 27-Jul	Ozone 15-Aug	CBB 07-Sep	Lodging	Harvestability	Suitability		Maturity
							Quality (1-5)	Seed Weight						For Direct Harvest	Days to Maturity	
19	MSUB09175	Black	1	3797	113	36	1.5	27.9	1.1	1.0	1.2	2.3	2.1	VG	106	M
15	S03-W4	Soy	2	3762	112	37	2.3	19.9	1.0	1.0	1.2	2.2	1.5	E	102	M
20	MSUB09197	Black	3	3727	111	36	1.8	21.8	3.5	1.6	1.6	2.0	2.2	VG	105	M
23	SEMB1309	Black	4	3723	111	37	2.0	25.1	0.9	1.0	1.0	3.0	1.7	E	99	E
21	MSUB09204	Black	5	3711	111	35	1.6	22.7	2.6	1.1	1.2	2.2	2.2	VG	106	M
14	Black Velvet	Black	6	3685	110	33	1.6	25.1	1.0	1.0	1.1	2.6	1.6	E	111	L
9	MSUN09175	White	7	3636	109	34	2.0	24.2	1.0	1.0	1.0	2.7	2.0	VG	108	M
11	Zorro	Black	8	3631	108	35	1.7	20.7	1.1	1.0	1.2	2.2	1.9	E	103	M
28	Merlot	SR	9	3585	107	34	2.0	40.9	1.0	1.0	1.1	3.4	2.9	G	106	M
27	COOPB06252	Black	10	3572	107	34	1.0	20.1	1.2	1.0	1.6	3.4	2.1	VG	106	M
2	HMS Medalist	White	11	3485	104	33	1.9	20.4	1.3	1.0	1.3	2.0	1.4	E	106	M
8	MSUN09056	White	12	3470	104	33	2.2	21.5	0.9	1.0	1.0	3.7	2.8	VG	105	M
26	COOPB04352	Black	13	3457	103	33	2.0	18.2	2.0	1.0	1.2	2.9	2.1	VG	105	M
16	Jaguar	Black	14	3357	100	32	1.9	20.2	1.0	1.0	1.5	2.5	1.9	E	106	M
10	Eclipse	Black	15	3356	100	34	1.3	21.0	0.9	1.0	1.1	2.1	2.0	VG	98	E
13	Condor	Black	16	3340	100	31	1.8	22.3	0.8	1.0	1.0	3.6	3.5	P	107	M
6	SEMN1246	White	17	3334	100	31	2.1	20.3	1.0	1.0	0.8	3.1	2.1	VG	108	M
5	SEMN1200	White	18	3322	99	30	2.3	23.3	0.9	1.0	1.0	2.9	2.0	VG	110	L
31	La Paz	Pinto	19	3314	99	32	1.5	36.1	1.1	1.0	1.6	3.6	2.7	VG	103	M
1	T9905	White	20	3287	98	30	2.4	21.3	1.0	1.0	1.1	3.1	2.7	VG	109	L
3	ADMN5039540 (ADMN9540)	White	21	3286	98	30	2.0	17.4	1.1	1.0	0.9	2.6	1.6	E	109	L
24	SEMB1313	Black	22	3247	97	32	2.1	22.2	0.6	1.0	1.3	2.2	1.8	E	100	E
32	COOPG03138	GN	23	3227	96	30	2.9	40.7	1.1	1.0	1.3	3.8	3.0	G	107	M
7	MSUN09046	White	24	3223	96	32	2.3	18.9	1.0	1.0	0.8	3.0	2.7	VG	101	E
25	AMDB5054545 (ADMB4545)	Black	25	3205	96	32	2.1	22.9	1.2	1.0	1.2	3.1	2.0	VG	101	E
18	GTS 2159-S2	Black	26	3067	92	28	2.2	22.6	0.9	1.0	1.2	3.7	3.5	P	109	L
22	SEMB1312	Black	27	3065	92	30	2.1	22.5	1.0	1.0	0.8	1.9	1.5	E	103	M
12	Loreto	Black	28	3056	91	28	2.2	20.9	1.3	1.0	1.0	3.3	3.4	P	108	M
30	Hime	Otebo	29	3052	91	29	3.1	33.1	1.0	1.0	1.3	3.9	3.8	P	106	M
4	AMDN5058573 (ADMN8573)	White	30	2842	85	27	2.0	21.9	0.9	1.0	0.9	3.6	3.2	G	107	M
29	Sedona	Pink	31	2812	84	27	2.0	39.6	1.0	1.0	2.7	3.5	3.6	P	104	M
17	GTS 2159-S1	Black	32	2796	84	26	1.9	24.0	1.0	1.0	0.8	4.2	3.4	P	108	M
Seed Quality: 1 = good 5 = poor			Mean	3357		32	2.0	24.4	1.2	1.0	1.2	3.0	2.4		105	
Mean +/- one half LSD of yield			C.V.	7.3			18.2	3.6	35.0	11.6	39.4	17.3	14.9		2.5	
CBB: 1-10, 1 = none 10 = total leaf coverage			PR > F	0.00			0.00	0.00	0.00	0.00	0.01	0.00	0.00		0.00	
			LSD(0.05)	287			0.4	1.0	0.5	0.1	0.5	0.6	0.4		3	

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

Maturity: <102=E, 102-108=M, >108=L

Suitability for Direct Harvest <2.0=Excellent, 2.0-2.8=VeryGood, 2.9-3.3=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.
 Seed Treatment: DCT 5.2g/1kg seed
 Cruiser 1.0 ml/1kg seed
 Planting Date: June 19

Fertilizer: 50-20-30 NPK , 24 S, 5 Mg 3 Zn.lbs. actual ppi
 liquid 3- 12- 3 actual at seeding (June 19)
 Herbicide: Pursuit 200ml/ha. Dual 1.15 L/ha (June 3)
 Roundup 4L/ha. (June 3)
 Reflex .58 L/ha & Basagran Forte .7 L/ha (July 15)
 Assure .5 L/ha. Sure-Mix 5L/1000 L (Aug 1)
 Fungicide: Quadris .5 L/ha. Lance 770g/ha (July 22)
 Cygon 1 L/ha. Matador 43 ml/ha (July 22)
 Crop Booster 1.5 L/ha. (July 22)
 Harvest Date: Oct.27,28

Fungicide: Headline .4 L/ha. Allegro 1 L./ha (Aug 5)
 Cygon 1 L/ha. Matador 43 ml/ha (Aug 5)
 Crop Booster 1.5 L./ha. (Aug 5)
 Fungicide: Senator 2.25 kg./ha. (Aug 16)
 Cygon 1 L./ha. , Matador 43 ml/ha (Aug 16)
 Crop Booster 1.5 L./ha. (Aug 16)
 Dessicant: Aim 100 mL/ha.
 Ag Surf 425 mL/ha
 Roundup T. 1.5 L./ha (Oct 4)