

Field Layout: our butternut gene pools (S to N)

Bed 1	Bed 2	Bed 3	Bed 4	Bed 5
M192-1	E1825B-1	M192-14	T180-1	L1826-1
M192-2	E1825B-2	L1827-24	T180-2	L1826-2
M192-3	E1825B-3	L1827-23	T180-3	L1826-3
M192-4	E1825B-4	L1827-22	T180-4	L1826-4
M192-5	E1825B-5	L1827-21	T180-5	L1826-5
M192-6	E1825B-6	L1827-20	T180-6	L1826-6
M192-7	E1825B-7	L1827-19	T180-7	L1826-7
M192-8	E1825B-8	L1827-18	T180-8	L1826-8
M192-9	E1825B-9	L1827-17	T180-9	L1826-9
M192-10	E1825B-10	L1827-16	T180-10	L1826-10
M192-11	E1825B-11	L1827-15	T180-11	L1826-11
M192-12	E1825B-12	L1827-14	T180-12	L1826-12
M191-1	E1825-1	L1827-13	P1821-1	L1826-13
M191-2	E1825-2	L1827-12	P1821-2	L1826-14
M191-3	E1825-3	L1827-11	P1821-3	L1826-15
M191-4	E1825-4	L1827-10	P1821-4	L1826-16
M191-5	E1825-5	L1827-9	P1821-5	L1826-17
M191-6	E1825-6	L1827-8	P1821-6	L1826-18
M191-7	E1825-7	L1827-7	P1821-7	L1826-19
M191-8	E1825-8	L1827-6	P1821-8	L1826-20
M191-9	E1825-9	L1827-5	P1821-9	L1826-21
M191-10	E1825-10	L1827-4	P1821-10	L1826-22
M191-11	E1825-11	L1827-3	P1821-11	L1826-23
M191-12	E1825-12	L1827-2	P1821-12	L1826-24
M191-13	E1825-13	L1827-1	P1821-13	L1826-25

General Observations 7/9/2020

ID	Male flowers	Female flowers	Male buds	Female buds	Fruit	Shape	DM	PM or other issue
M192-1	n	n	n	n	n		n	
M192-2	x							dead, tp
M192-3	n	n	n	n	n		n	stunted, imm
M192-4	n	n	n	n	n		n	
M192-5	n	n	n	n	n		n	
M192-6	n	n	n	n	n		n	
M192-7	n	n	n	n	n		n	
M192-8	n	n	n	n	n		n	
M192-9	n	n	n	y	n	butternut	n	
M192-10	n	n	n	n	n		n	
M192-11	x							dead, tp
M192-12	n	n	n	n	n		n	
M191-1	n	n	n	n	n		n	
M191-2	y	n	y	y	n	butternut	n	
M191-3	n	n	n	y	n		n	
M191-4	n	n	n	n	n		n	
M191-5	n	n	n	n	n		n	
M191-6	n	n	n	n	n		n	
M191-7	n	y	n	y-aborted		1 butternut	n	
M191-8	y	n	y	n	n		n	cuke beetle damage
M191-9	x							dead, tp
M191-10	n	n	n	y	n	butternut	n	
M191-11	n	n	n	n	n		n	
M191-12	n	n	n	n	n		n	
M191-13	n	n	n	n	n		n	
E1825B-1	n	n	n	n	n		n	cuke beetle damage
E1825B-2	y	n	n	y	n	pear	n	
E1825B-3	n	n	n	n	n		n	
E1825B-4	y	y	y	y	n	SJ	n	
E1825B-5	x							dead, tp
E1825B-6	n	n	y	y	n		n	
E1825B-7	n	n	n	n	n		n	cuke beetle damage
E1825B-8	x							dead, tp
E1825B-9	n	n	n	n	n		n	
E1825B-10	n	n	n	n	n		n	
E1825B-11	n	n	n	n	n		n	
E1825B-12	n	n	y	y	n		n	
E1825-1	y	n	y	y	y	SJ	n	
E1825-2	n	n	n	n	n		n	
E1825-3	x							dead, tp
E1825-4	x							dead, tp
E1825-5	x							dead, tp
E1825-6	n	n	y	n	n		n	
E1825-7	x							dead, tp
E1825-8	n	n	n	n	n		n	immature
E1825-9	n	n	n	n	n		n	
E1825-10	n	n	n	n	n		n	
E1825-11	y	n	n	y	y	long butternut	n	
E1825-12	x							dead, tp
E1825-13	y	n	n	n	n		n	
M192-14	n	n	n	n	n		n	immature
L1827-24	n	n	n	n	n		n	
L1827-23	x							dead, tp
L1827-22	y	n	y	n	n		n	
L1827-21	n	n	n	n	n		n	
L1827-20	n	n	y	n	n		n	
L1827-19	y	n	y	y	n		n	
L1827-18	n	n	n	n	n		n	

ID	Male flowers	Female flowers	Male buds	Female buds	Fruit	Shape	DM	PM or other issue
L1827-17	y	y	y	y	y	drum shape	n	very early
L1827-16	x							dead, tp
L1827-15	n	n	n	n	n		n	
L1827-14	n	n	n	n	n		n	
L1827-13	x							dead, tp
L1827-12	n	n	n	y	n		n	
L1827-11	n	n	n	y	n		n	
L1827-10	n	n	n	n	n		n	
L1827-9	n	n	n	y	n		n	
L1827-8	x							dead, tp
L1827-7	n	n	n	n	y	round	n	
L1827-6	n	n	n	n	n		n	
L1827-5	n	n	n	y	n		n	
L1827-4	n	n	n	n	n		n	
L1827-3	y	n	y	y	n		n	
L1827-2	y	n	y	y	n		n	
L1827-1	n	n	n	y	n		n	
T180-1	x							dead, bacterial wilt?
T180-2	y	y	y	y	y	round	n	
T180-3	n	n	n	n	n		n	pm, cuke beetle damage
T180-4	x							dead, bacterial wilt?
T180-5	n	n	n	n	n		n	
T180-6	x							dead, bacterial wilt?
T180-7	x							dead, bacterial wilt?
T180-8	n	y	n	y	y	squat butternut	n	
T180-9	n	y	n	y	y	round	n	
T180-10	n	n	n	n	n		n	
T180-11	n	y	y	y	y	butternut	n	
T180-12	n	n	y	y	y	round	n	
P1821-1	n	n	n	n	n		n	
P1821-2	n	n	n	y	n	squat butternut	n	
P1821-3	n	n	n	n	n		n	
P1821-4	n	n	n	n	n		n	
P1821-5	n	n	y	y	n		n	
P1821-6	n	n	n	n	n		n	
P1821-7	x							
P1821-8	x'							
P1821-9	x							
P1821-10	y	n	y	n	n		n	compact
P1821-11	x							
P1821-12	x							
P1821-13	n	n	n	n	n		n	cuke beetle damage
L1826-1	n	n	n	y	n		n	
L1826-2	n	n	n	n	n		n	
L1826-3	n	n	n	n	n		n	
L1826-4	y	n	y	y	n	squat butternut	n	
L1826-5	y	n	y	y	y		n	lots of male flowers
L1826-6	y	y	y	y	y	SJ	n	
L1826-7	n	n	n	y	n		n	
L1826-8	n	n	n	y	y		n	
L1826-9	n	n	n	n	n		n	cuke beetle damage
L1826-10	n	n	n	n	n		n	
L1826-11	n	n	n	n	y		n	
L1826-12	n	n	n	y	y		n	
L1826-13	y	n	y	n	n		n	bacterial wilt
L1826-14	n	n	n	n	n		n	
L1826-15	x							dead, tp
L1826-16	n	n	n	n	n		n	

ID	Male flowers	Female flowers	Male buds	Female buds	Fruit	Shape	DM	PM or other issue
L1826-17	n	n	n	n	n		n	
L1826-18	n	n	n	n	n		n	
L1826-19	x							dead, tp
L1826-20	n	n	n	n	y		n	
L1826-21	n	n	n	n	n		n	
L1826-22	n	n	n	n	n		n	PM!
L1826-23	n	n	n	y	n		n	
L1826-24	y	y	y	y	y		n	
L1826-25	n	n	n	y	y		n	

Observations SJxbutt 7/17/20

ID	Male flowers	Female flowers	Male buds	Female buds	Fruit	Fruit shape	Leaf shape	Vine length	DM	PM or other issue
M192-1	n	n	n	y		2 butternut	butternut	average	n	n
M192-2	x									
M192-3	n	n	n	n	n		butternut	just vining	n	n
M192-4	y	y	y	y		2 butternut	butternut	average	n	n
M192-5	y	y	y	y		1 butternut	butternut	average	n	n, early maturity
M192-6	n	n	n	n		2 butternut	butternut	average	n	n
M192-7	y	y	y	y-aborting	n	butternut	butternut	average	n	n, bud abortion
M192-8	y	n	y	y	n	butternut	butternut	average	n	n
M192-9	n	n	n	y	n	butternut	butternut	average	n	n
M192-10	n	n	n	y	n	butternut	butternut	longer	n	n
M192-11	y	y	y	y		1 butternut	butternut	average	n	n
M192-12	y	n	n	n	n	butternut	butternut	immature	n	n
M191-1	y	n	y	y	n	butternut	butternut	average	n	n
M191-2	y	n	y	n		1 butternut	butternut	average	n	n
M191-3	y	n	n	n		4 butternut	butternut	average	n	n, early maturity
M191-4	y	n	y	y		1 butternut	butternut	shorter	n	n
M191-5	n	y	n	y		butternut	butternut	shorter	n	n
M191-6	y	n	y	y, very immature	n	butternut	butternut	immature	n	n
M191-7	y	n	y	y		2 butternut	butternut	longer	n	n
M191-8	y	y	y	y	n	butternut	butternut	shorter	n	n
M191-9	x									
M191-10	n	n	y	n		2 butternut	large butternut	average	n	n
M191-11	n	n	n	y	n	butternut	butternut	shorter	n	n
M191-12	n	n	n	y	n	butternut	elongated butternut	average	n	n
M191-13	n	n	n	n	n	immature	butternut	immature	n	n
E1825B-1						round	cross - troxbutt	average	n	n
E1825B-2						round	cross - troxbutt	average	n	n
E1825B-3	y	y	y	y-aborting some	n	SJ	SJ	long	n	n
E1825B-4	y	n	y	n		3 butternut but SJ markings	cross - troxbutt	average	n	n, early maturity
E1825B-5	x									
E1825B-6	y	y	n	n		4 butternut but SJ markings	SJ	long	n	n, early maturity, strong SJ characteristics
E1825B-7	x									
E1825B-8	x									
E1825B-9	replanted, immature									
E1825B-10	replanted, immature									
E1825B-11	replanted, immature									
E1825B-12	y	y	y	y	n	elongated butternut	large butternut	average	n	n, really like, very healthy looking
E1825-1	y	y	y	y-aborting		2 huge butternut	cross - troxbutt	average	n	n, early maturity
E1825-2	replanted, immature									
E1825-3	x									
E1825-4	x									
E1825-5	x									
E1825-6	y	y	y	y	2 (very immature)	cousa	cross - troxbutt	average, but lots of vines, healthy	n	n, really like, very healthy looking
E1825-7	x									
E1825-8	replanted, immature									
E1825-9	n	n	y	y	n	SJ	cross - troxbutt	average	n	n, later maturity
E1825-10	n	n	y	y	n	SJ	cross - troxbutt	compact	n	n, later maturity
E1825-11	y	y	y	y		2 SJ	butternut	average	n	n, early maturity
E1825-12	x									
E1825-13	y	y	y	y	n	cousa	cross - troxbutt	average	n	n
M192-14	y	n	y	n	n	butternut	butternut	average	n	n, later maturity
L1827-24	y	n	y	y	n	squat butternut	cross - troxbutt	average	n	n
L1827-23	x									
L1827-22	x					round				
L1827-21	y	n	y	n	n	?	cross - troxbutt	average	n	n, later maturity
L1827-20	y	y	y	y	n	butternut	cross - troxbutt	average	n	n
L1827-19	y	y	y	n		3 butternut but SJ markings	SJ	long	n	n, early maturity
L1827-18	y	n	y	n		1 butternut	cross - troxbutt	average	n	n
L1827-17	x					round				productive
L1827-16	x									
L1827-15	y	n	y	n	n	?	SJ	long	n	n, later maturity
L1827-14	n	y	n	y	n	butternut but SJ markings	SJ	average	n	n, strong SJ flower characteristics (see pics)
L1827-13	x									
L1827-12	y	y	y	y-aborting		2 butternut but SJ markings	SJ	long	n	n
L1827-11	n	y	y	n	n	butternut, large bulb	cross - troxbutt	average	n	n
L1827-10	n	y	y	y	n	butternut	cross - troxbutt	average	n	n
L1827-9	y	n	n	n		1 butternut	cross - troxbutt	shorter	n	n

ID	Male flowers	Female flowers	Male buds	Female buds	Fruit	Fruit shape	Leaf shape	Vine length	DM	PM or other issue
L1827-8	x									
L1827-7						round				
L1827-6						round				
L1827-5	y	n	y	y	n	cross- SJxbutt	cross - tropxbutt	average	n	n
L1827-4	y	n	y	y	n	butternut but SJ markings	SJ	long	n	n, strong SJ flower characteristics (see pics)
L1827-3	y	n	y	y		1 butternut but SJ markings	SJ	long	n	n, strong SJ flower characteristics (see pics) (more female buds than 4)
L1827-2	y	y	y	n		2 cross- SJxbutt	cross - tropxbutt	average	n	n
L1827-1	y	y	y	y	n	butternut/cousa	butternut	really long	n	n (some yellowing on leaves, looks like lack of water, last plant on drip line)
T180-1	x									
T180-2	x									
T180-3	y	y	y	y		2 butternut	cross - tropxbutt	average	n	n but wilting in heat, could be bacterial wilt, perhaps this whole line is susceptible
T180-4	x									
T180-5	x									
T180-6	x									
T180-7	x									
T180-8	x					round				
T180-9	x					round				
T180-10	x					round				
T180-11	x									PM
T180-12	x					round				
P1821-1	n	n	n	n	n	?	butternut	immature	n	n, later maturity
P1821-2	y	y	y	y, lots	n	bell	butternut	average	n	n
P1821-3	y	y	y	y	n	elongated butternut	butternut	average	n	n
P1821-4	y	n	y	n		1 SJ	butternut	average	n	n
P1821-5	y	y	n	n		3 SJ	SJ	average, vigorous	n	n
P1821-6	y	y	y	y	n	elongated butternut	butternut	average	n	n
P1821-7	x									
P1821-8	x									
P1821-9	x									
P1821-10	n	n	n	n	n	?	?	immature	n	n, later maturity
P1821-11	x									
P1821-12	x									
P1821-13	y	y	y	n	n	elongated butternut	butternut	average	n	n
L1826-1	y	n	y	y		2 butternut	butternut	average	n	n, early maturity
L1826-2	y	y	y	y	n	cousa	cross - tropxbutt	very long	n	n
L1826-3	y	n	y	y	n	cousa	butternut	very long	n	n
L1826-4	x					drum				
L1826-5	y	n	y	n		3 cross- SJxbutt	butternut	average	n	n
L1826-6	y	y	y	y		2 SJ	butternut	compact	n	n
L1826-7	y	y	y	n		2 almost butternut (slightly cousa/pear)	butternut	average	n	n
L1826-8	n	n	n	n		2 large SJ	butternut	average	n	n
L1826-9	x					round				
L1826-10	n	n	n	n	n	?	?	average	n	n
L1826-11	y	n	y	n		1 cross- SJxbutt	cross - tropxbutt	average	n	n
L1826-12	y	n	y	n		1 cross- SJxbutt	cross - tropxbutt	average	n	n
L1826-13	almost dead									PM, CB, and BW
L1826-14	n	n	n	n		1 cross- SJxbutt	cross - tropxbutt	average	n	n
L1826-15	x									
L1826-16	y	y	y	y	n	cross- SJxbutt	butternut	average	n	n
L1826-17	y	y	y	y	n	cousa	cross - tropxbutt	average	n	n
L1826-18	y	y	y	y	n	squat butternut	butternut	long	n	n, very determinate 4 open female flowers at same time
L1826-19	x									
L1826-20	y	n	y	n		1 cross- SJxbutt	cross - tropxbutt	average	n	n
L1826-21	y	y	y	y	n	cousa	didn't note	average	n	n
L1826-22	x									PM
L1826-23	y	n	y	y-aborting		3 almost butternut (slightly cousa/pear)	butternut	average	n	n, early maturity
L1826-24	y	n	y	y-aborting	n	cross- SJxbutt	cross - tropxbutt	long	n	n
L1826-25	y	n	y	y-aborting	n	cross- SJxbutt	cross - tropxbutt	long	n	n, appears identical to 24

DM Check 7/23/20

ID	DM 1-10 (10 worse)	still producing?
M192-1	1	no
M192-2	x	x
M192-3	1	immature
M192-4	1	no
M192-5	1	no
M192-6	1	no
M192-7	1	yes
M192-8	1	yes
M192-9	1	no
M192-10	1	yes? 1 female bud, may abort
M192-11	x	x
M192-12	1	no
M191-1	1	no
M191-2	1	no
M191-3	1	no
M191-4	1	no
M191-5	1	no
M191-6	1	yes
M191-7	1	no
M191-8	1	no
M191-9	x	x
M191-10	1	no
M191-11	1	no
M191-12	1	no
M191-13	1	yes, several buds, but mature plant
E1825B-1	1	yes
E1825B-2	1	no
E1825B-3	1	no
E1825B-4	1	yes
E1825B-5	x	x

ID	DM 1-10 (10 worse)	still producing?
E1825B-6	1	no
E1825B-7	x	x
E1825B-8	x	x
E1825B-9	1	immature, replant
E1825B-10	1	immature, replant
E1825B-11	1	immature, replant
E1825B-12	1 (really healthy)	yes (1 open today, no more coming)
E1825-1	1	no
E1825-2	1	immature, replant
E1825-3	x	x
E1825-4	x	x
E1825-5	x	x
E1825-6	1	no
E1825-7	x	x
E1825-8	1	immature, replant
E1825-9	1	no
E1825-10	1	no
E1825-11	1	no
E1825-12	x	x
E1825-13	1	no
M192-14	1	yes, later maturity
L1827-24	1	yes
L1827-23	1	no
L1827-22	1	no
L1827-21	1	no
L1827-20	1	yes
L1827-19	1	no
L1827-18	1	no
L1827-17	1	no
L1827-16	x	x



ID	DM 1-10 (10 worse)	still producing?
L1827-15	1	no
L1827-14	1	yes
L1827-13	x	x
L1827-12	1	no
L1827-11	1	yes
L1827-10	1	yes
L1827-9	1	no
L1827-8	x	x
L1827-7	1	no
L1827-6	1	no
L1827-5	1	no
L1827-4	1	yes
L1827-3	1	no
L1827-2	1	no
L1827-1	1	yes
T180-1	x	x
T180-2	x	x
T180-3	1	no
T180-4	x	x
T180-5	x	x
T180-6	x	x
T180-7	x	x
T180-8	1	no
T180-9	1	no
T180-10	1	no
T180-11	1	no
T180-12	1	no
P1821-1	1	yes- 1
P1821-2	1	no
P1821-3	1	yes

ID	DM 1-10 (10 worse)	still producing?
P1821-4	1	no
P1821-5	1	no
P1821-6	1	yes
P1821-7	x	x
P1821-8	x	x
P1821-9	x	x
P1821-10	1	yes
P1821-11	x	x
P1821-12	x	x
P1821-13	1	no
L1826-1	1 (really healthy)	no
L1826-2	1	no
L1826-3	1	yes, 1
L1826-4	1	no
L1826-5	1	no
L1826-6	1	no
L1826-7	1	no
L1826-8	1	no
L1826-9	1	no
L1826-10	1	no (no fruit)
L1826-11	1	no
L1826-12	1	no
L1826-13	x	x
L1826-14	1	no
L1826-15	x	x
L1826-16	1	no
L1826-17	1	no
L1826-18	1	no
L1826-19	x	x
L1826-20	1	no

ID	DM 1-10 (10 worse)	still producing?
L1826-21	1 (really healthy)	no
L1826-22	1	no
L1826-23	1 (really healthy)	no
L1826-24	1	no
L1826-25	1	no

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ID	DM 1-10 (10 worse)	still producing?
M192-1	1	no
M192-2	x	x
M192-3	1	yes
M192-4	1	no
M192-5	1	no
M192-6	1	no
M192-7	1	yes
M192-8	1	yes
M192-9	1	no
M192-10	1	no
M192-11	x	x
M192-12	1	no
M191-1	1	no
M191-2	1	no
M191-3	1	no
M191-4	1	no
M191-5	1	no
M191-6	1	no
M191-7	1	no
M191-8	1	no
M191-9	x	x
M191-10	1	no
M191-11	1	no
M191-12	1	no
M191-13	1	no
E1825B-1	1	no
E1825B-2	1	no
E1825B-3	1	no
E1825B-4	1	no
E1825B-5	x	x

ID	DM 1-10 (10 worse)	still producing?
E1825B-6	1	no
E1825B-7	x	x
E1825B-8	x	x
E1825B-9	1	yes
E1825B-10	1	yes
E1825B-11	1	yes
E1825B-12	1 (really healthy)	no
E1825-1	1	no
E1825-2	1	yes
E1825-3	x	x
E1825-4	x	x
E1825-5	x	x
E1825-6	1	no
E1825-7	x	x
E1825-8	1	yes
E1825-9	1	no
E1825-10	1	no
E1825-11	1	no
E1825-12	x	x
E1825-13	1	no
M192-14	1	yes
L1827-24	1	no
L1827-23	1	no
L1827-22	1	no
L1827-21	1	no
L1827-20	1	no
L1827-19	1	no
L1827-18	1	no
L1827-17	1	no
L1827-16	x	x

ID	DM 1-10 (10 worse)	still producing?
L1827-15	1	no
L1827-14	1	yes
L1827-13	x	x
L1827-12	1	no
L1827-11	1	yes
L1827-10	1	no
L1827-9	1	no
L1827-8	x	x
L1827-7	1	no
L1827-6	1	no
L1827-5	1	no
L1827-4	1	no
L1827-3	1	no
L1827-2	1	no
L1827-1	1	no
T180-1	x	x
T180-2	x	x
T180-3	1	no
T180-4	x	x
T180-5	x	x
T180-6	x	x
T180-7	x	x
T180-8	1	no
T180-9	1	no
T180-10	1	no
T180-11	1	no
T180-12	1	no
P1821-1	1	no
P1821-2	1	no
P1821-3	1	yes

ID	DM 1-10 (10 worse)	still producing?
P1821-4	1	no
P1821-5	1	no
P1821-6	1	yes
P1821-7	x	x
P1821-8	x	x
P1821-9	x	x
P1821-10	1	yes
P1821-11	x	x
P1821-12	x	x
P1821-13	1	no
L1826-1	1 (really healthy)	no
L1826-2	1	no
L1826-3	1	no
L1826-4	1	no
L1826-5	1	no
L1826-6	1	no
L1826-7	1	no
L1826-8	1	no
L1826-9	1	no
L1826-10	1	no (no fruit)
L1826-11	1	no
L1826-12	1	no
L1826-13	x	x
L1826-14	1	no
L1826-15	x	x
L1826-16	1	no
L1826-17	1	no
L1826-18	1	no
L1826-19	x	x
L1826-20	1	no

<b>ID</b>	<b>DM 1-10 (10 worse)</b>	<b>still producing?</b>
<b>L1826-21</b>	1 (really healthy)	no
<b>L1826-22</b>	1	no
<b>L1826-23</b>	1 (really healthy)	no
<b>L1826-24</b>	1	no
<b>L1826-25</b>	1	no



ID	DM 1-10 (10 worse)	still producing?
M192-1	1	no
M192-2	x	x
M192-3	1	yes
M192-4	1	no
M192-5	1	no
M192-6	1	no
M192-7	1	yes
M192-8	1	yes
M192-9	1	no
M192-10	1	no
M192-11	x	x
M192-12	1	no
M191-1	1	no
M191-2	3	no
M191-3	3	no
M191-4	1	no
M191-5	1	no
M191-6	1	no
M191-7	3	no
M191-8	1	no
M191-9	x	x
M191-10	1	no
M191-11	1	no
M191-12	1	no
M191-13	1	no
E1825B-1	1	no
E1825B-2	3	no
E1825B-3	1	no
E1825B-4	1	no
E1825B-5	x	x

ID	DM 1-10 (10 worse)	still producing?
E1825B-6	1	no
E1825B-7	x	x
E1825B-8	x	x
E1825B-9	1	yes
E1825B-10	1	yes
E1825B-11	1	yes
E1825B-12	1	no
E1825-1	1	no
E1825-2	1	yes
E1825-3	x	x
E1825-4	x	x
E1825-5	x	x
E1825-6	1	no
E1825-7	x	x
E1825-8	1	yes
E1825-9	1	no
E1825-10	1	no
E1825-11	1	no
E1825-12	x	x
E1825-13	1	no
M192-14	1	no
L1827-24	1	no
L1827-23	1	no
L1827-22	1	no
L1827-21	1	no
L1827-20	1	no
L1827-19	1	no
L1827-18	1	no
L1827-17	1	no
L1827-16	x	x

ID	DM 1-10 (10 worse)	still producing?
L1827-15	1	no
L1827-14	1	no
L1827-13	x	x
L1827-12	1	no
L1827-11	3	no
L1827-10	1	no
L1827-9	3	no
L1827-8	x	x
L1827-7	2	no
L1827-6	1	no
L1827-5	1	no
L1827-4	2	no
L1827-3	1	no
L1827-2	1	no
L1827-1	1	no
T180-1	x	x
T180-2	x	x
T180-3	1	no
T180-4	x	x
T180-5	x	x
T180-6	x	x
T180-7	x	x
T180-8	1	no
T180-9	1	no
T180-10	3	no
T180-11	3	no
T180-12	1	no
P1821-1	1	no
P1821-2	2	no
P1821-3	1	no

ID	DM 1-10 (10 worse)	still producing?
P1821-4	1	no
P1821-5	1	no
P1821-6	1	no
P1821-7	x	x
P1821-8	x	x
P1821-9	x	x
P1821-10	1	no
P1821-11	x	x
P1821-12	x	x
P1821-13	1	no
L1826-1	1	no
L1826-2	1	no
L1826-3	1	no
L1826-4	1	no
L1826-5	1	no
L1826-6	1	no
L1826-7	1	no
L1826-8	1	no
L1826-9	1	no
L1826-10	1	no (no fruit)
L1826-11	1	no
L1826-12	1	no
L1826-13	x	x
L1826-14	3	no
L1826-15	x	x
L1826-16	1	no
L1826-17	1	no
L1826-18	1	no
L1826-19	x	x
L1826-20	1	no

<b>ID</b>	<b>DM 1-10 (10 worse)</b>	<b>still producing?</b>
L1826-21	1	no
L1826-22	1	no
L1826-23	1	no
L1826-24	1	no
L1826-25	1	no

ID	Total # of fruit produced	Total # HP for seed	Brix/Flavor notes	Storage (fall, mid-winter, late winter)	Additional notes/observations
M192-1	3	1			butternut
M192-2	0		x		butternut
M192-3	1				butternut
M192-4	6	1	13.5, typical butternut	tasted late fall	butternut
M192-5	2		14.6, nutty and caramelly, yum!	tasted late fall	butternut
M192-6	3	2	12.8, typical butternut/12.9	tasted early winter	butternut
M192-7	2			12.8	butternut
M192-8	0		x		butternut
M192-9	3	1		13.6	butternut
M192-10	2	1		11.9	butternut
M192-11	0		x		butternut
M192-12	2				butternut
M191-1	1	1		12.2	butternut
M191-2	1		14.4, perfect	tasted late fall	butternut
M191-3	3	2	15, really good but small (1#)/13	tasted early winter	butternut
M191-4	1			13.5	butternut
M191-5	1			14	butternut
M191-6	2			14.4	butternut
M191-7	2		16, sweet, typical butternut	tasted early winter	butternut
M191-8	2			12.8	butternut
M191-9	0		x		butternut
M191-10	2			14.2	butternut
M191-11	1				butternut
M191-12	1				butternut
M191-13	2				butternut
E1825B-1	2		x		round
E1825B-2	2		x		round
E1825B-3	2				SJ
E1825B-4	3		11.6, nutty, could be sweeter		butternut but SJ markings
E1825B-5	0		x		
E1825B-6	3		14.4, absolutely amazing	tasted late fall	butternut but SJ markings
E1825B-7	0		x		
E1825B-8	0		x		
E1825B-9	1				elongated butternut
E1825B-10	1			13.4	elongated butternut
E1825B-11	1				elongated butternut
E1825B-12	1			14	elongated butternut
E1825-1	4			10.8 fall	huge butternut
E1825-2	1				elongated butternut
E1825-3	0		x		
E1825-4	0		x		
E1825-5	0		x		
E1825-6	2		x		cousa
E1825-7	0		x		
E1825-8	1	1		13	cross- SJxbutt
E1825-9	1				SJ
E1825-10	1			13.5	SJ

ID	Total # of fruit produced	Total # HP for seed	Brix/Flavor notes	Storage (fall, mid-winter, late winter)	Additional notes/observations
E1825-11	1	1	13.5, typical butternut	tasted late fall	SJ
E1825-12	0		x		
E1825-13	2		x		cousa
M192-14	2		8, not sweet but flavorful (immature?, not a lot of mature seeds)	tasted late fall	squat butternut
L1827-24	2		14.2		cross- SJxbutt
L1827-23	2		x		round
L1827-22	3		x		cousa
L1827-21	1				butternut
L1827-20	3	2	10.2, not super sweet but really good flavor and creamy texture/ 12.4	tasted late fall	butternut but SJ markings
L1827-19	2				butternut
L1827-18	2		x		round
L1827-17	2		12.8	fall	butternut
L1827-16	0		x		
L1827-15	1				butternut but SJ markings
L1827-14	1		x		
L1827-13	0				butternut but SJ markings
L1827-12	2		13.6		butternut, large bulb
L1827-11	2				butternut
L1827-10	2		12.8		butternut
L1827-9	2		13.4		elongated butternut
L1827-8	0		x		round
L1827-7	5		x		round
L1827-6	2				cross- SJxbutt
L1827-5	1				butternut but SJ markings
L1827-4	2				butternut but SJ markings
L1827-3	3				cross- SJxbutt
L1827-2	4	1	13.5		butternut/cousa
L1827-1	5	1	14.2		squat butternut
T180-1	0		x		
T180-2	0		x		
T180-3	1		12.2, good flavor	mid-winter	butternut
T180-4	0		x		
T180-5	0		x		
T180-6	0		x		
T180-7	0		x		
T180-8	3		x		round
T180-9	4		x		round
T180-10	2		x		round
T180-11	3		14, not complex but sweet	tasted 1/20	butternut
T180-12	5		x		round
P1821-1	2				squat butternut
P1821-2	3		x		bell
P1821-3	2		13.4		elongated butternut
P1821-4	1		14.2		SJ

ID	Total # of fruit produced	Total # HP for seed	Brix/Flavor notes	Storage (fall, mid-winter, late winter)	Additional notes/observations
P1821-5	2	1	14.6, very sweet, butterscotch flavor	fall, some internal sprouting seeds	SJ
P1821-6	2				elongated butternut
P1821-7	0		x		
P1821-8	0		x		
P1821-9	0		x		
P1821-10	1		x	fall	small butternut
P1821-11	0		x		
P1821-12	0		x		
P1821-13	2				elongated butternut
L1826-1	5	2	12.5, really good flavor, seedy	tasted early winter	butternut
L1826-2	4		x		cousa
L1826-3	5		x		cousa
L1826-4	2		x		drum
L1826-5	3				cross- SJxbutt
L1826-6	2	1		12	SJ
L1826-7	4	0			almost butternut (slightly cousa/pear)
L1826-8	3		x		large SJ
L1826-9	2		x		round
L1826-10	3	1		13.2	cross- SJxbutt
L1826-11	3	1		13.5	cross- SJxbutt
L1826-12	1				cross- SJxbutt
L1826-13	0		x		
L1826-14	2				cross- SJxbutt
L1826-15	0		x		
L1826-16	2				cross- SJxbutt
L1826-17	1		x		cousa
L1826-18	3	1		13.8	squat butternut
L1826-19	0		x		
L1826-20	1				cross- SJxbutt
L1826-21	4		x		cousa
L1826-22	0		x		
L1826-23	5	1	14, "best I've tasted"		almost butternut (slightly cousa/pear)
L1826-24	3	1		12.8	cross- SJxbutt
L1826-25	2	1		13.4	cross- SJxbutt