SpudPro Box Bin Trial Intake Report

Compiled: 10/31/16





Box Bin Receiving Form (Fresh Market Variety)

Project Title Breeding Program 2016-17 (SpudPro)	
Receiving Information:	
Date/Time Arrival 9/9/16 3:00 pm Harvest Date 9/1/16	Grower Alsums Box Bin 16
Variety Gold Agata	☐ Chip Pulp Temp 50F Regulated Material? ☐ Yes ☒ No
Weight slip provided? ☐ Yes ☑ No Storage Location Bin 2	Pathology Sample Location Locker 7
	iving standards (pulp temp must be <64F and physical defects
<10% to accept bin) then the grower should be notified that a PI Name Date/Time Called	the bin is being rejected. Reached Message Left
Comments: Comments about physical condition of tubers and/or instructions provide	
Lots of sprouting. Contacted Larry Alsum. He indicated that this is normal for this	variety.
Chemical Application at Loading None	
Size Profile:	Quality Analysis:
Total sample Weight 41.35 lbs	Specific Gravity 1.053
Size 1 (4") Weight 0 % Size 1 0	Internal Defects:
Size 2 /2 1 /4!\ Weight 20 10	Brown Center 0 Hollow Heart 0 Internal Brown Spot 1
Size 2 (3 1/4") Weight 20.10 % Size 2 48.6	Vascular Discoloration 0 Stein End Discoloration 0
Size 3 (2 1/2') Weight 18.35 % Size 3 44.4	External 5/20 Scab, 20/20 sprouted to some degree.
Size 4 (1 7/8') Weight 2.45 % Size 4 5.9	Defects.
Size 5 (1 1/2') Weight 0.45 % Size 5 1.1	Photo Documentation: Size Profile Table Externals Internals Skin Finish/Appearance
Bruise Analysis:	
Total Weight 3.90 Bruise Weight 0 % Bruise 0	Pressure Bruise Samples Pulled
Notes:	











Box Bin Receiving Form (Fresh Market Variety)

Project Title Bree	eding Program 2016-17	(SpudPro)				
Receiving Information:						
Date/Time Arrival 10/	13/164pm	Harvest Date 9/19/16	G	Grower RPE		Box Bin 3
Variety Goldrush			t Russet	Chip Pulp Temp	Regul	lated Material?
Weight slip provided? ☐ Yes ☒ No	C4 I Di-	12		☐ Pathology Sample	y Sample Location	
		ilable and the tubers do not m	aget hasir receivin			
Contacting the	<10% to accept t	oin) then the grower should b	e notified that th			ched
PI Name Jeff Endelm	an	Date/Time Ca	illed		☐ Mes	sage Left
Comments: co	mments about physical co	ndition of tubers and/or instr	ıctions provided	d by PI during phone co	1ll	
Chemical Application at	Loading None					
Size Profile:				Quality Ana	lysis:	
Total sample Weight	34.735 lbs.			Specific Gravity	1.063	
Size 1 (4") Weight	13.730	% Size 1 39.5		Internal Def	ects:	
Size 2 (3 1/4') Weight	16.150	% Size 2 46.5		Brown Center 0 Hol	_	Brown Spot 0 scoloration 3
Size 3 (2 1/2") Weight		% Size 3 10.9			_	
					20/20 Enlarged Le 2/20 Green	nticels
Size 4 (1 7/8") Weight	1.010	% Size 4 2.9			mentation: 5	Size Profile Table
Size 5 (1 1/2') Weight	0.05	% Size 5 0.2		Externals X II	_	Finish/Appearance
Bruise Analysis:						
Total Weight 4.650	Bruise Weight 0	% Bruise 0		Pressure Bruise Sa	mples Pulled	
Notes:						











Box Bin Receiving Form (Fresh Market Variety)

Project Title Bree	eding Program 2016-17	(SpudPro)			
Receiving Info	rmation:				
Date/Time Arrival 9/9)/163:00 pm	Harvest Date 9/1/16	Grower A	lsums	Box Bin 10
Variety Oneida Gold	1		Russet Chip P	Pulp Temp 50F	egulated Material?
Weight slip provided?					Yes No
Yes 🔀 No	Storage Location Bir	n 2	X	Pathology Sample Sample Loc	ation Locker 7
Contacting the		ilable and the tubers do not mee bin) then the grower should be n			F and physical defects Reached
PI Name Jeff Endelm		Date/Time Calle			Message Left
Comments: co	mments about physical co	ndition of tubers and/or instruct	ions provided by PI durir	ng phone call	
Chemical Application at	Loading None				
Size Profile:			Quali	ty Analysis:	
Total sample Weight	38.75 lbs		Specific	Gravity 1.067	
Size 1 (4") Weight	0	% Size 1 0	Interr	nal Defects:	
			Brown Cente	ar () 🔻 Hollow Heart () 🔻 In	rternal Brown Spot 1
Size 2 (3 1/4") Weight	14.45	% Size 2 37.3	Vascular Disc	coloration 0 💌 Stein	End Discoloration()
Size 3 (2 1/2') Weight	18.15	% Size 3 46.8	Exter	rnal Clean (0/20)	
Size 4 (1 7/8") Weight	5.60	% Size 4 14.5	Defe	cts:	
_		w.s: 5 4 4	Photo	o Documentatio	n: 🔀 Size Profile Table
Size 5 (1 1/2') Weight	0.55	% Size 5 1.4	Extern	nals 🔀 Internals 🔀	Skin Finish/Appearance
Bruise Analysis	5:				
Total Weight 3.30	Bruise Weight 0	% Bruise 0	☐ Pressure	Bruise Samples Pulled	
Notes:					











Box Bin Receiving Form (Fresh Market Variety)

Project Title Breeding Program 2016-17 (SpudPro)	
Receiving Information:	
Date/Time Arrival 10/13/16 4pm Harvest Date 10/	13/16 Grower Prairie Star Ranch Box Bin 7
Variety Red Norland ⊠ Fresh M	larket □Russet □Chip Pulp Temp □ Regulated Material? □ Yes ☒ No
Weight slip provided? ☐ Yes ☒ No Storage Location Bin 2	
	not meet basic receiving standards (pulp temp must be <64F and physical defects
<10% to accept bin) then the grower sho	uld be notified that the bin is being rejected. Reached
	ne Called Message Left
Comments: Comments about physical condition of tubers and/or	instructions provided by PI during phone call
Chemical Application at Loading None	
Size Profile:	Quality Analysis:
Total sample Weight 31.535 lbs.	Specific Gravity 1.053
Size 1 (4") Weight 4.815 % Size 1 15.3	Internal Defects:
e: 20240000	Brown Center 0 🔻 Hollow Heart 0 🔻 Internal Brown Spot 0 🖃
Size 2 (3 1/4") Weight 18.545 % Size 2 58.8	Vascular Discoloration 0 ▼ Stein End Discoloration 2 ▼
Size 3 (2 1/2") Weight 7.900 % Size 3 25.1	External 20/20 Enlarged Lenticels
Size 4 (1 7/8') Weight 0.205 % Size 4 0.6	Defects: 25/20 Green
Sin 5 (1.1 OD Weight 0.27)	Photo Documentation: SIZe Profile Table
Size 5 (1 1/2') Weight 0.070 % Size 5 0.2	Externals Internals Skin Finish/Appearance
Bruise Analysis:	
Total Weight 4.675 Bruise Weight 2.400 % Bruise	51.3 Pressure Bruise Samples Pulled
Notes:	











Box Bin Receiving Form (Fresh Market Variety)

Project Title Breeding Program 2016-17 (SpudPro)	
Receiving Information:	
Date/Time Arrival 10/13/16 4pm Harvest Date 10/13/16	Grower Prairie Star Ranch Box Bin 4
Variety W8405-1R	☐ Chip Pulp Temp Regulated Material? ☐ Yes ☒ No
Weight slip provided? ☐ Yes ☑ No Storage Location Bin 2	Pathology Sample Location Locker 7
Contacting the PI: If the PI is unavailable and the tubers do not meet basic receiv	
<10% to accept bin) then the grower should be notified that to PI Name Jeff Endelman Date/Time Called	
-	☐ Message Left
Comments: Comments about physical condition of tubers and/or instructions provided	-,
Chemical Application at Loading None	
Size Profile:	Quality Analysis:
Total sample Weight 34.435 lbs.	Specific Gravity 1.054
Size 1 (4") Weight 0.725 % Size 1 2.1	Internal Defects:
Size 2 (3 1/4') Weight 15.755 % Size 2 45.8	Brown Center 0 Hollow Heart 0 Internal Brown Spot 0
	Vascular Discoloration 0 Stein End Discoloration ▼
Size 3 (2 1/2') Weight 14.690 % Size 3 42.7	External 2/20 Pit scab Defects: 2/20 Green
Size 4 (1 7/8') Weight 3.210 % Size 4 9.3	Defects.
Size 5 (1 1/2') Weight 0.055 % Size 5 0.1	Photo Documentation: Size Profile Table Externals Internals Skin Finish/Appearance
Bruise Analysis:	
Total Weight 2.510 Bruise Weight 0.610 % Bruise 24.3	Pressure Bruise Samples Pulled
Notes:	











Box Bin Receiving Form (Fresh Market Variety)

Project Title Bree	eding Program 2016-17	(SpudPro)	
Receiving Information:			
Date/Time Arrival 10/	/13/164pm	Harvest Date 10/13/16	Grower Prairie Star Ranch Box Bin 6
Variety W8893-1R			Russet Chip Pulp Temp Regulated Material?
Weight slip provided?	C4 1 41 D1	-3	Pathology
☐ Yes 🔀 No	Storage Location Bir	n 2	Sample Sample Location Locker 7
Contacting the			eet basic receiving standards (pulp temp must be <64F and physical defects notified that the bin is being rejected. Reached
PI Name Jeff Endelm	an	Date/Time Call	lled Message Left
Comments: Co.	mments about physical co	ndition of tubers and/or instruc	ctions provided by PI during phone call
	None None		
Chemical Application at	Loading None		Ovality Analysis
Size Profile:		ı	Quality Analysis:
Total sample Weight	29.180 lbs.		Specific Gravity 1.054
Size 1 (4") Weight	0.695	% Size 1 2.4	Internal Defects:
Size 2 (3 1/4') Weight	12.395	% Size 2 42.5	Brown Center() Hollow Heart () Internal Brown Spot() Vascular Discoloration 2 Stein End Discoloration 1
Sino 2 /2 1 /2 N Wainsh	12.225	N Sino 2 45 2	
Size 3 (2 1/2') Weight	13.225	% Size 3 45.3	External 12/20 Surface scab Defects: 2/20 Green
Size 4 (1 7/8') Weight	2.655	% Size 4 9.1	Photo Documentation: Size Profile Table
Size 5 (1 1/2') Weight	0.210	% Size 5 0.7	Externals Internals Skin Finish/Appearance
Bruise Analysis:			
Total Weight 3.845	Bruise Weight 1.8	45 % Bruise 48.0	Pressure Bruise Samples Pulled
Notes:			









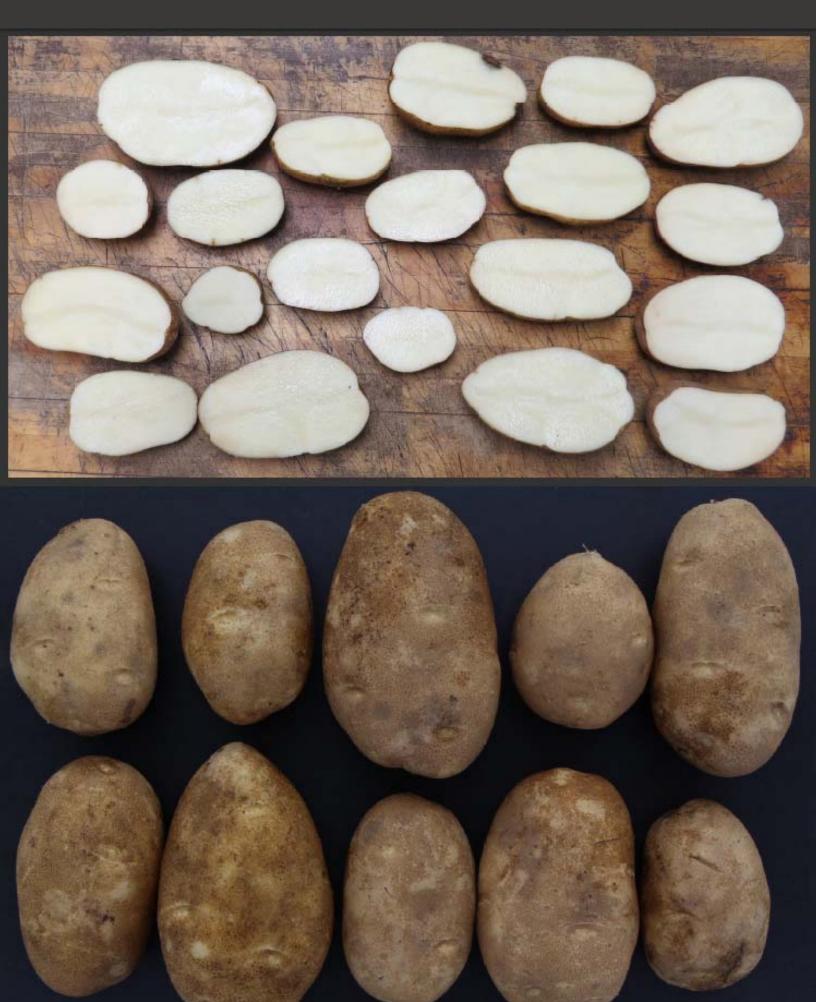


Box Bin Receiving Form (Fresh Market Variety)

Project Title Bree	eding Program 2016-17	(SpudPro)				
Receiving Info	rmation:					
Date/Time Arrival 10/	/13/164pm	Harvest Date 9/19/16	Grov	ver RPE		Box Bin 14
Variety W9133-1rus			Russet C	hip Pulp Temp	Regul	ated Material?
Weight slip provided?		n 2		Rathology Sample	Sample Location	
Yes No						
Contacting the		ilable and the tubers do not me bin) then the grower should be I				<i>l physical defects</i> ched
PI Name Jeff Endelm	an	Date/Time Call	ed		☐ Mes	sage Left
Comments: Co	mments about physical co	ndition of tubers and/or instruc	tions provided by P	l during phone ca	II .	
Chemical Application at	Loading None					
Size Profile:			Qı	uality Anal	ysis:	
Total sample Weight	35.200 lbs.		Sp	ecific Gravity	1.062	
Size 1 (4") Weight	8.905	% Size 1 25.3	In	ternal Def	ects:	
Size 2 (3 1/4') Weight	22.350	% Size 2 63.5		_		Brown Spot 0
			_	outar Discoloration 0	Stem End Dt	scoloration()
Size 3 (2 1/2') Weight	2.085	% Size 3 5.9	_	xternal efects:	6/20 Pit Scab	
Size 4 (1 7/8') Weight	1.860	% Size 4 5.3			mentation: 5	✓ Size Profile Table
Size 5 (1 1/2') Weight	0	% Size 5 0		Externals 🔀 In	_	Finish/Appearance
Bruise Analysis	5:					
Total Weight 6.090	Bruise Weight 1.1	95 % Bruise 19.6	☐ Pre	ssure Bruise Sar	nples Pulled	
Notes:						









Box Bin Receiving Form (Fresh Market Variety)

Project Title Breeding Program 2016-17 (SpudPro)	
Receiving Information:	
Date/Time Arrival 9/9/16 3:00 pm Harvest Dat	e 9/1/16 Grower Alsums Box Bin 18
Variety W9576-11Y	esh Market Russet Chip Pulp Temp 50F Regulated Material?
Weight slip provided? ☐ Yes ☒ No Storage Location Bin 2	Pathology Sample Location Locker 7
	ers do not meet basic receiving standards (pulp temp must be <64F and physical defects
	rer should be notified that the bin is being rejected. Reached Te/Time Called
-	te/Time Called Message Left and/or instructions provided by PI during phone call
Chemical Application at Loading None	
Size Profile:	Quality Analysis:
Total sample Weight 37.60 lbs	Specific Gravity 1.048
Size 1 (4") Weight 0 % Size 1 0	Internal Defects:
	Brown Center 0 ▼ Hollow Heart 0 ▼ Internal Brown Spot 1 ▼
Size 2 (3 1/4") Weight 15.35 % Size 2 40.8	Vascular Discoloration 0 ▼ Stem End Discoloration 0 ▼
Size 3 (2 1/2") Weight 18.90 % Size 3 50.3	Emarged lentices 10/20
Size 4 (1 7/8*) Weight 2.85 % Size 4 7.6	Defects: Cracking? 3/20
Size 5 (1 1/2') Weight 0.50 % Size 5 1.3	Photo Documentation: Size Profile Table Externals Internals Skin Finish/Appearance
Bruise Analysis:	
	Bruise 18.1 Pressure Bruise Samples Pulled
Notes:	





