

# **SpudPro Box Bin Trial Intake Report**

Compiled: 10/31/16



## Station Record:

Project Title

## Receiving Information:

Date/Time Arrival  Harvest Date  Grower  Box Bin   
Variety  ☒ Fresh Market ☐ Russet ☐ Chip Pulp Temp  Regulated Material? ☐ Yes ☒ No  
Weight slip provided? ☐ Yes ☒ No Storage Location  ☒ Pathology Sample Sample Location

**Contacting the PI:** *If the PI is unavailable and the tubers do not meet basic receiving standards (pulp temp must be <64F and physical defects <10% to accept bin) then the grower should be notified that the bin is being rejected.* ☐ Reached

PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Lots of sprouting. Contacted Larry Alsum. He indicated that this is normal for this variety.

Chemical Application at Loading

## Size Profile:

Total sample Weight	<input type="text" value="41.35 lbs"/>	
Size 1 (4") Weight	<input type="text" value="0"/>	% Size 1 <input type="text" value="0"/>
Size 2 (3 1/4") Weight	<input type="text" value="20.10"/>	% Size 2 <input type="text" value="48.6"/>
Size 3 (2 1/2") Weight	<input type="text" value="18.35"/>	% Size 3 <input type="text" value="44.4"/>
Size 4 (1 7/8") Weight	<input type="text" value="2.45"/>	% Size 4 <input type="text" value="5.9"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.45"/>	% Size 5 <input type="text" value="1.1"/>

## Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

## Notes:

## Quality Analysis:

Specific Gravity

## Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

## External Defects:

5/20 Scab, 20/20 sprouted to some degree.

## Photo Documentation:

☒ Size Profile Table ☒ Externals ☒ Internals ☒ Skin Finish/Appearance







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PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

### Size Profile:

Total sample Weight	<input type="text" value="34.735 lbs."/>	
Size 1 (4") Weight	<input type="text" value="13.730"/>	% Size 1 <input type="text" value="39.5"/>
Size 2 (3 1/4") Weight	<input type="text" value="16.150"/>	% Size 2 <input type="text" value="46.5"/>
Size 3 (2 1/2") Weight	<input type="text" value="3.795"/>	% Size 3 <input type="text" value="10.9"/>
Size 4 (1 7/8") Weight	<input type="text" value="1.010"/>	% Size 4 <input type="text" value="2.9"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.05"/>	% Size 5 <input type="text" value="0.2"/>

### Quality Analysis:

Specific Gravity

### Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

### External Defects:

**Photo Documentation:** ☒ Size Profile Table

☒ Externals ☒ Internals ☒ Skin Finish/Appearance

### Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

### Notes:









# Wisconsin Potato & Vegetable Storage Research Facility

Box Bin Receiving Form (Fresh Market Variety)

## Station Record:

Project Title

## Receiving Information:

Date/Time Arrival  Harvest Date  Grower  Box Bin

Variety  ☒ Fresh Market ☐ Russet ☐ Chip Pulp Temp  Regulated Material? ☐ Yes ☒ No

Weight slip provided? ☐ Yes ☒ No Storage Location  ☒ Pathology Sample Sample Location

**Contacting the PI:** *If the PI is unavailable and the tubers do not meet basic receiving standards (pulp temp must be <64F and physical defects <10% to accept bin) then the grower should be notified that the bin is being rejected.* ☐ Reached

PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

## Size Profile:

Total sample Weight	<input type="text" value="38.75 lbs"/>	
Size 1 (4") Weight	<input type="text" value="0"/>	% Size 1 <input type="text" value="0"/>
Size 2 (3 1/4") Weight	<input type="text" value="14.45"/>	% Size 2 <input type="text" value="37.3"/>
Size 3 (2 1/2") Weight	<input type="text" value="18.15"/>	% Size 3 <input type="text" value="46.8"/>
Size 4 (1 7/8") Weight	<input type="text" value="5.60"/>	% Size 4 <input type="text" value="14.5"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.55"/>	% Size 5 <input type="text" value="1.4"/>

## Quality Analysis:

Specific Gravity

## Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

## External Defects:

**Photo Documentation:** ☒ Size Profile Table

☒ Externals ☒ Internals ☒ Skin Finish/Appearance

## Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

## Notes:









## Station Record:

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## Receiving Information:

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Variety  ☒ Fresh Market ☐ Russet ☐ Chip Pulp Temp  Regulated Material? ☐ Yes ☒ No  
Weight slip provided? ☐ Yes ☒ No Storage Location  ☒ Pathology Sample Sample Location

**Contacting the PI:** *If the PI is unavailable and the tubers do not meet basic receiving standards (pulp temp must be <64F and physical defects <10% to accept bin) then the grower should be notified that the bin is being rejected.* ☐ Reached

PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

## Size Profile:

Total sample Weight	<input type="text" value="31.535 lbs."/>	
Size 1 (4") Weight	<input type="text" value="4.815"/>	% Size 1 <input type="text" value="15.3"/>
Size 2 (3 1/4") Weight	<input type="text" value="18.545"/>	% Size 2 <input type="text" value="58.8"/>
Size 3 (2 1/2") Weight	<input type="text" value="7.900"/>	% Size 3 <input type="text" value="25.1"/>
Size 4 (1 7/8") Weight	<input type="text" value="0.205"/>	% Size 4 <input type="text" value="0.6"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.070"/>	% Size 5 <input type="text" value="0.2"/>

## Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

## Notes:

## Quality Analysis:

Specific Gravity

## Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

## External Defects:

## Photo Documentation: ☒ Size Profile Table

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Variety  ☒ Fresh Market ☐ Russet ☐ Chip Pulp Temp  Regulated Material? ☐ Yes ☒ No

Weight slip provided? ☐ Yes ☒ No Storage Location  ☒ Pathology Sample Sample Location

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PI Name  Date/Time Called  ☐ Reached ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

### Size Profile:

Total sample Weight	<input type="text" value="34.435 lbs."/>	
Size 1 (4") Weight	<input type="text" value="0.725"/>	% Size 1 <input type="text" value="2.1"/>
Size 2 (3 1/4") Weight	<input type="text" value="15.755"/>	% Size 2 <input type="text" value="45.8"/>
Size 3 (2 1/2") Weight	<input type="text" value="14.690"/>	% Size 3 <input type="text" value="42.7"/>
Size 4 (1 7/8") Weight	<input type="text" value="3.210"/>	% Size 4 <input type="text" value="9.3"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.055"/>	% Size 5 <input type="text" value="0.1"/>

### Quality Analysis:

Specific Gravity

### Internal Defects:

Brown Center   Hollow Heart   Internal Brown Spot    
Vascular Discoloration   Stem End Discoloration

### External Defects:

### Photo Documentation: ☒ Size Profile Table

☒ Externals ☒ Internals ☒ Skin Finish/Appearance

### Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

**Notes:**











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Weight slip provided? ☐ Yes ☒ No Storage Location  ☒ Pathology Sample Sample Location

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PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

## Size Profile:

Total sample Weight	<input type="text" value="29.180 lbs."/>	
Size 1 (4") Weight	<input type="text" value="0.695"/>	% Size 1 <input type="text" value="2.4"/>
Size 2 (3 1/4") Weight	<input type="text" value="12.395"/>	% Size 2 <input type="text" value="42.5"/>
Size 3 (2 1/2") Weight	<input type="text" value="13.225"/>	% Size 3 <input type="text" value="45.3"/>
Size 4 (1 7/8") Weight	<input type="text" value="2.655"/>	% Size 4 <input type="text" value="9.1"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.210"/>	% Size 5 <input type="text" value="0.7"/>

## Quality Analysis:

Specific Gravity

## Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

## External Defects:

## Photo Documentation: ☒ Size Profile Table

☒ Externals ☒ Internals ☒ Skin Finish/Appearance

## Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

## Notes:







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Weight slip provided? ☐ Yes ☒ No Storage Location  ☒ Pathology Sample Sample Location

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PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

## Size Profile:

Total sample Weight	<input type="text" value="35.200 lbs."/>	
Size 1 (4") Weight	<input type="text" value="8.905"/>	% Size 1 <input type="text" value="25.3"/>
Size 2 (3 1/4") Weight	<input type="text" value="22.350"/>	% Size 2 <input type="text" value="63.5"/>
Size 3 (2 1/2") Weight	<input type="text" value="2.085"/>	% Size 3 <input type="text" value="5.9"/>
Size 4 (1 7/8") Weight	<input type="text" value="1.860"/>	% Size 4 <input type="text" value="5.3"/>
Size 5 (1 1/2") Weight	<input type="text" value="0"/>	% Size 5 <input type="text" value="0"/>

## Quality Analysis:

Specific Gravity

## Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

## External Defects:

**Photo Documentation:** ☒ Size Profile Table

☒ Externals ☒ Internals ☒ Skin Finish/Appearance

## Bruise Analysis:

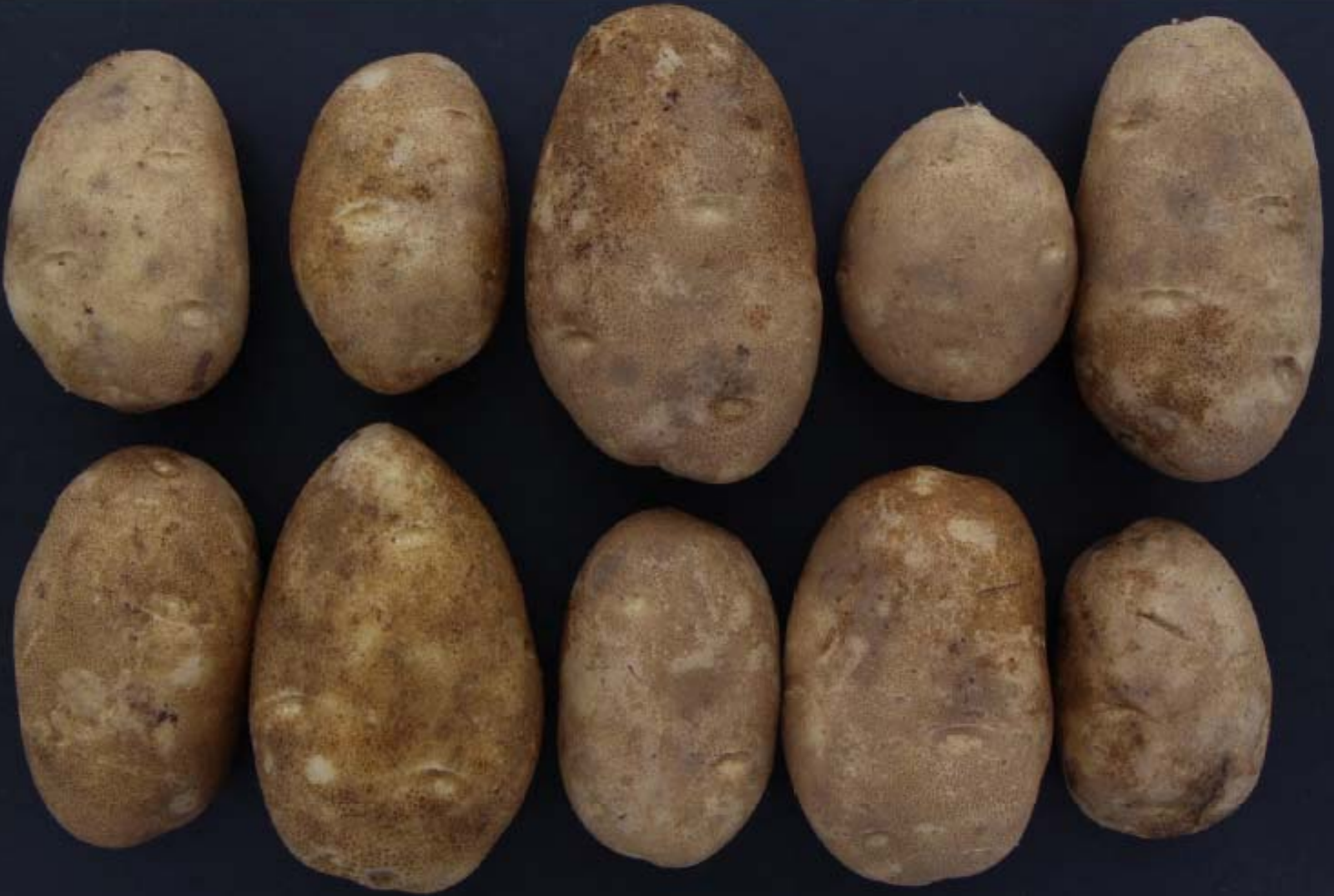
Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

## Notes:











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PI Name  Date/Time Called  ☐ Message Left

**Comments:** *Comments about physical condition of tubers and/or instructions provided by PI during phone call*

Chemical Application at Loading

## Size Profile:

Total sample Weight	<input type="text" value="37.60 lbs"/>	
Size 1 (4") Weight	<input type="text" value="0"/>	% Size 1 <input type="text" value="0"/>
Size 2 (3 1/4") Weight	<input type="text" value="15.35"/>	% Size 2 <input type="text" value="40.8"/>
Size 3 (2 1/2") Weight	<input type="text" value="18.90"/>	% Size 3 <input type="text" value="50.3"/>
Size 4 (1 7/8") Weight	<input type="text" value="2.85"/>	% Size 4 <input type="text" value="7.6"/>
Size 5 (1 1/2") Weight	<input type="text" value="0.50"/>	% Size 5 <input type="text" value="1.3"/>

## Quality Analysis:

Specific Gravity

## Internal Defects:

Brown Center  Hollow Heart  Internal Brown Spot   
Vascular Discoloration  Stem End Discoloration

## External Defects:

Enlarged lenticels 18/20  
Cracking? 3/20

## Photo Documentation: ☒ Size Profile Table

☒ Externals ☒ Internals ☒ Skin Finish/Appearance

## Bruise Analysis:

Total Weight  Bruise Weight  % Bruise  ☐ Pressure Bruise Samples Pulled

## Notes:





