



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code:

Circle relevant descriptions shown in *italics*.

Cleaning Facility:

Date(s) Collected (DD/MM/YY):

Seed Collection Reference Number:

Collector(s):

Country:

Ecoregion (T,O, B):

State:

County:

Location Details:

STATE ROAD 6 AT SOLDIER SUMMIT TAKE WHITE RIVER TURN OFF (RESERVATION RIDGE ROAD, FR81); STAY ON RIGHT HAND FORK THROUGH PRIVATE GROUND. ALL ALONG RIVER BOTTOM AND SIDE OF ROAD TILL HIT TURN OFF TO LONG RIDGE ROAD (FR149) FOR 3 OR SO MILES.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

GPS Used?:

Yes  No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

GPS Datum:

Elevation (feet):

Landowner Details (Permission?):

**HABITAT DATA**

Habitat, Associated Species & Ecological Site Descriptor:

RIPARIAN COMMUNITY, SALIX EXIGUA, OTHER WILLOWS, MOUNTAIN BRUSH COMMUNITY MAHOGANY ELDERBERRY AND BIG SAGE.

Modifying Factors:

Land Form:

Slope°:

Land Use:

Aspect:

Geology:

Soil Texture:

Soil Color:

**COLLECTION DATA - If plant has been identified by a specialist, please see other side.**

Family:

No. of Plants Sampled (min. 50):

Genus:

No. of Plants Found (approx.):

Species:

Area Sampled (acres):

Subspecies/Variety:

*see 12/18/08*

Seeds Collected From:

Plants  Ground  Both

Plant Habit:

Tree  Shrub  Forb  Succulent  Grass/Grasslike

Plant Height (feet):

Native plant materials development and research this accession will be used for:

*4 cloth bags*

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

*DRIED BERRIES!*

Common Name(s) of Plants:

Photograph Taken:

Digital  35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:

**PRE-COLLECTION CHECKLIST**(Check box to right if condition indicated by **boldface** is met or is the most frequently occurring condition.)

Assess Population & Seed Dispersal Stage				
Approximate area of population:	5	x	2	(feet, yards, <b>miles</b> .....)
Approximate total number of individual plants present and accessible:	0-50	50-500	500-5000	> 5000
Evidence of disturbance or damage:	<i>Resown</i>	<i>Burnt</i>	<i>Sprayed</i>	<b>No damage</b>
Readiness of population for collecting: give percentages or circle the most frequently occurring:	<i>Vegetative</i>	<i>In flower</i>	<i>Immature seeds</i>	<b>Around natural dispersal</b> <i>Post dispersal</i>
Estimate the number of individual plants at natural dispersal stage:	<50	<b>&gt;50</b>		
Is the population:	<b>A single population</b>	A population with distinct sub-populations (Can you sample separately or from the most suitable?)		

Assess Seed Quality & Availability				
On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage:	<b>Recognized</b>			
Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring:	<b>Healthy</b>	<i>Insect-damaged</i>	<i>Empty</i>	<i>Moldy</i> <i>Malformed/other damage</i>
Estimate the number of healthy seeds per fruit: one				
Estimate the number of fruits per individual plant: 500				

Should Seed Be Collected On This Trip?	
Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of <b>&gt;10,000</b> healthy seeds? yes	

**OTHER DATA**If GPS was not used, please state method of obtaining lat. and long.: Map Publisher: Series: Scale: Map Coordinates: Map Date (DD/MM/YY): **Herbarium voucher specimens:**Number of Pressed Specimens:     Date Voucher Was Taken (DD/MM/YY): 

Circle one:

- a. All Herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default)
- b. One duplicate will be sent to \_\_\_\_\_ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All Herbarium duplicates will be sent to \_\_\_\_\_ herbarium that has agreed to arrange labeling, verification and distribution.
- d. **A herbarium voucher has been sent to the National Herbarium at the Smithsonian, and the remaining will be distributed by the UT931 collecting team to regional herbaria: BYU, UofU.**

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

Regional Herbarium:

Local Herbarium:

**If collection has been identified by a specialist, please complete sections below:**

Material Identified:

                  
Date identified (DD/MM/YY): Identified by: Organization:

# Seed Test/Packaging Record

**SOSUT-93108-10**

PRVI-SOSUT-931-119-08  
 Prunus virginiana  
 chokecherry  
 6.1 P

*Dried Berries*

BLMS

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1/22/09
OSU Sample Taken	# of pounds	AC
	169	
Sample Sent	Y/N	TZ
	(Y)	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	<b>87%</b>	REMARKS <b>ENTERED</b>
Moisture Content	8.0%	
Seed Count	5,960	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>99%</u> or NOXIOUS WEED only ___		

## MOISTURE CONTENT (use one of three methods below)

**Dole Meter**			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
							72°	42%	87%

## X-Ray Results

**87** % Filled

Results from  
**100** Seed X-Ray

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>3.44</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>304.22</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>307.66</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99</u> %
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

Weight to three decimal places, when possible  
 Wt. of 5 reps of 100 seeds each (in grams).

7.589   7.622   \_\_\_\_\_

TOTAL of ALL Reps: \_\_\_\_\_

Average: \_\_\_\_\_

**\*\* NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable**

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 76.055 = 1000 seed wt.

Seeds per Pound = 5,960

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>1.079</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>1.079</u>

1.96# 10 M to PPMC 1.96# wt

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>1-22-09</u>	<u>1355</u>		226-test	<u>AC</u>
		<u>1435</u>	2270-pkg	<u>AC</u>

<u>howe</u>	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_