

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): 15/10/2008

Seed Collection Reference Number: UT931-102

Collector(s): DANIEL CLOWARD

Country: USA

Ecoregion (T,O,B):

Colorado Plateau, 20, (O)

State: UTAH

County: WASATCH

Location Details:

STATE HIGHWAY 6 AT SOLDIER SUMMIT TAKE WHITE RIVER TURN OFF (RESERVATION RIDGE ROAD, FR81); TURN OFF TO LONG RIDGE ROAD (FR149) FOR 3 OR SO MILES. ALONG ROAD ON SOUTH SIDE OF RIDGE.

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

40 01'11.22"N

GPS Used?:

Yes No

If no, please see other side.

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

110 54'28.76"W

GPS Datum:

NAD83 NAD27 WGS84 *Other: Google earth*

Elevation (feet):

8770

Landowner Details (Permission?):

USFS, YES

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

DOUGLAS FIR MOUNTAIN SHRUB COMMUNITY; MOUNTAIN MAHOGANY, BIG SAGE, ASPEN, AND SPRUCE.

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

MOUNTAIN

Slope°:

75

Land Use:

RANGELAND RECREATION

Aspect:

N NE E SE S SW W NW

Geology:

SHALE

Soil Texture:

Clay Silt Sand Other:

Soil Color:

WHITE

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

Family:

ROSEACEAE

No. of Plants Sampled (min. 50):

200

Genus:

AMELANCHIER

No. of Plants Found (approx.):

1000

Species:

UTAHENSIS

Area Sampled (acres):

1

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

6

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

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

Common Name(s) of Plants:

UTAH SERVICEBERRY

Seed Test/Packaging Record

SOSUT-93108-01

AMUT-SOSUT-931-102-08
Amelanchier utahensis
Utah serviceberry
BLMS 1.57 P

Dried Berries

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	~1	2/25/09
OSU Sample Taken	# of pounds	
	2.5669	
Sample Sent	(X) N	TZ

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>85%</u>	
Moisture Content	<u>6.4%</u>	
Seed Count	<u>35,300</u>	
GERM	<u>TZ OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>94%</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.
							69°	31.7	6.4

X-Ray Results

85 % Filled

Results from
100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
• Crops _____ gms
• Inerts 0.869 gms
• Weeds _____ gms
• Noxious _____ gms

Wt. of All Impurities: 0.869 gms
Wt. of Clean Seed 14.146 gms
TOTAL (Impurities + Clean Seeds) 15.015 gms
Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{94} \%$

SEEDS PER POUND

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

1.286 1.280

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 = 12.89 = 1000 seed wt.

Seeds per Pound = 35,300

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>0.225</u>

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

DATE	Start	Stop	Process	Initials
<u>2/25/09</u>	<u>930</u>		226-test	<u>AC</u>
		<u>1010</u>	2270-pkg	<u>AC</u>

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Regional Office ID file

POSTED TO: Lot Completion Logbook _____ Computer NMIS _____