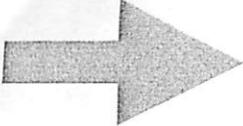


SOS ut-93004-19



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code:

BE0C2

Please circle relevant descriptions shown in italics.

Date Collected (DD/MM/YY): 10-20/8/2004

Seed Collection Reference Number: UT930Bend-33

Collector(s): K. Webb

Country: USA Ecoregion: UTAH-WYOMING ROCKIES State: UTAH County: SALT LAKE

Location Details: MILLCREEK CANYON, WASATCH RANGE

Lat. (dg/min/sec): N 40° 41' 26" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 111° 45' 52" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5366' - 8428' range. Landowner Details (Permission?): WASATCH-CACHE NAT. FOREST YES

HABITAT DATA

Habitat & Associated Species: RIPARIAN HABITAT ALONG MILL CREEK. WITH ALNUS INCANA, SALIX EXIGUA, CORNUS SP., ACER NEGUNDO, QUERCUS GAMBELII, POPULUS TREMULOIDES, ~~ABIES~~ PSEUDOTSUGA MENZIESII

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other: NONE

Land Form: STREAM CUT CANYON ~~TRAIL~~ Slope°: 7°

Land Use: FOREST SERVICE, RECREATION USE AREA Aspect: N NE E SE S SW W NW

Geology: QUARTZITE + SANDSTONE CUT CANYON

Soil Texture: Clay Silt Sand Other: COBBLES/BOULDERS Soil Color: DK BROWN

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

Family: BETULACEAE

No. of Plants Sampled: 53

Genus: BETULA

No. of Plants Found (approx.): 120

Species: OCCIDENTALIS

Area Sampled (acres): 50

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 20'

Does the pressed specimen have the same reference as the seed collection?: Yes No

If not, enter details of collector, reference, where lodged, and date collected:

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

Common Name(s) of Plants: WESTERN WATER BIRCH

Photograph Taken: Digital 35mm

Reference: ↗

Where Image will be Filed: RED BUTTE GARDEN

betulaoccidentalis april 26 2004

SOSUT-93004-19

BEOC2-SOSUT-930-BEND33-04
Betula occidentalis
Water Birch
SNWC 14 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		2-18-05 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / (N)	
	Y / (N)	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	<u>68</u>	
Moisture Content		
Seed Count	<u>1,620,000</u>	
GERM <u> </u> TZ <u> </u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>78%</u> or NOXIOUS WEED only <u> </u>		

MOISTURE CONTENT (use one of two methods below)					
Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results
<u>68</u> % Filled
Results from <u>150</u> Seed X-ray

w/ water under scope

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: <u> </u> gms	Wt. Of all Impurities: <u>.016</u> gms
Wt. Of Impurities:	Wt. Of Clean Seed <u>.056</u> gms
* Crops <u> </u> gms	TOTAL (Impurities + Clean Seeds) <u>.072</u> gms
* Inerts <u> </u> gms	Percent Purity = (Wt. Of clean seeds) X 100 = <u>78</u> %
* Weeds <u> </u> gms	(Wt. Of Total)
* Noxious <u> </u> gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.
Weight to three decimal places, when possible	
Wt. Of 5 reps of 100 seeds each (in grams).	Difference between max & min wt. <u> </u> 10% of average <u> </u>
<u>.028</u>	

TOTAL of ALL Reps <u> </u>	NOTE: Seeds/Pound = <u>453600</u>
Average <u> </u>	1000 seed wt.
	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = <u>.28</u> = 1000 seed wt.
	Seeds per Pound = <u>1,620,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.020</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			<u>0.020</u>

Transaction Fee: ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
<u>2-18-05</u>	<u>0920</u>		226-test	<u>AC</u>
		<u>0945</u>	2270-pkg	<u>AC</u>

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

POSTED TO: Lot Completion Logbook Computer NMIS Inventory Card Y NA