



MSB Serial Number: _____
NCRS PLANTS Code: _____ ARPA6 _____
Storage Facility: # _____
Date Collected: 09 NOV 2009
Seed Collection Reference Number: NV030-315
Collector(s): # _____
ERICACEAE
Arctostaphylos patula

Country: # _____ **Ecoregion:** 12, Sierra Nevada
State: Nevada **County:** Washoe
City/Town/Park: # _____ **Geographic Area:** Galena Creek
Location Details: Heading east on HWY 431, take right into Galena Creek State Park. Park near bathroom and hike north toward USFS boundary.
Lat. (dg/min/sec): 39° 21' 44.833" N **Long. (dg/min/sec):** 119° 51' 44.097" W

GPS: NAD83

Landowner Details (Permission): USFS

Altitude: 6339 FT

Associated Species: *Pinus jeffreyi*, *Abies concolor*, *Ceanothus prostratus*, *Ceanothus velutinus*, *Cercocarpus ledifolius*, *Populus tremuloides*, *Eriogonum umbellatum*, *Purshia tridentata*

Habitat: Coniferous forest, Jeffery Pine

Modifying Factors: recreational trails, no motorized vehicles

Land Form: foothills

Aspect: 95

Land Use: recreation

Slope: 9°

Geology: Andesite, Latite

Soil: 10YR 3/1 dry; 2/2 moist

No. of Plants Sampled and Misc.: # _____

No. of Plants Found: ca 950

Area Sampled: 15 A

Seeds Collected From: #, plant

Description: Woody shrub about 2-5 ft. Bark deep red. Leaves glossy green and thick.

Common Name(s): Greenleaf Manzanita

Photograph (to be send electronically to SOS National Office) file name:

ARPA6-NV030-315A, ARPA6-NV030-315B, ARPA6-NV030-315C

Identification

G. Robinson, in field, 11/9/09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 taken

See 11/18
3 g 100

26,789#
↳ in 1 barrel

Seed Test/Packaging Record

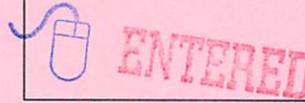
SOS-NV030-315

ARPA6-SOS-NV030-315-09

Arctostaphylos patula
greenleaf manzanita

BLMS

26.789 P



PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-26-10
OSU Sample Taken	# of pounds	AC
	8g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	60	REMARKS seed size varies considerably. hard to determine fill %. -I can see worms in (xray) seed. wait for tz results
Moisture Content	10.1%	
Seed Count	12,000	
GERM	TZOSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	91%	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.
							68°	59.8	10.1%

X-Ray Results

60 % 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>4.08</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>45.3</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>49.38</u> gms
• Inerts <u>4.08</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>91</u> %
• Weeds _____ gms	
• Noxious _____ gms	

most = broken + buggy seed (bug-holes)

SEEDS PER POUND

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

3.960 3.593 _____

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 = 37.78 = 1000 seed wt.
Seeds per Pound = 12,000

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>4.710</u>

beg bal 4.710
WRPIS — wait to send (tz) results
New Bal. 4.710

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

DATE	Start	Stop	Process	Initials
1-26-10	0835		226-test	AC
		0920	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____