



MSB Serial Number:
NCRS PLANTS Code: PUTR2
Storage Facility: Bend
Date Collected: 15 JUL 2009
Seed Collection Reference Number: NV030-250
Collector(s): Carson City Field Office
ROSACEAE
Purshia tridentata

Country: United States Ecoregion: 12, Sierra Nevada
State: California County: Alpine
City/Town/Park: # Geographic Area: Indian Creek rec. area
Location Details: both sides of gravel road in between Curtz Lake and Summit Lake
Lat. (dg/min/sec): 38° 43' 39" N Long. (dg/min/sec): 119° 47' 30.8" W
GPS: #

Landowner Details (Permission): BLM

Altitude: 6295 FT

Associated Species: *Pinus jeffreyi*, *Pinus monophylla*, *Arctostaphylos patula*, *Elymus elymoides*, *Artemisia tridentata*

Habitat: Forest, pines, grass and shrubs

Modifying Factors: #

Land Form: slope

Aspect: East

Slope: 8°

Land Use: recreation

Geology: Andesite and Basalt

Soil: sandy loam

No. of Plants Sampled and Misc.: collection from approx. 250 plants

No. of Plants Found: ca 1000

Area Sampled: 84 A

Seeds Collected From: seed - many individuals, plant

Description: Shrub. Tridentate leaf. Yellow flowers. Up to 5 ft tall.

Common Name(s): Bitterbrush

Photograph (to be send electronically to SOS National Office) file name: PURT2-NV030-250-A, PURT2-NV030-250-B

Identification

Robinson, A- BLM, In field, 7-16-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

Rec 7/22/09

6.500
- 300

3.200

3 paper

Seed Test/Packaging Record

SOS-NV030-250

PUTR2-SOS-NV030-250-09
 Purshia tridentata
 antelope bitterbrush
 BLMS 6 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 2/23/10 AC
OSU Sample Taken	# of pounds 2.269	100 seeds
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	~ 70%	REMARKS ENTERED
Moisture Content	5.4	
Seed Count	19,800	
GERM	TZ OSU Strat Time: NC 4C 8C 13C	
PURITY	99% 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.
							65'	25.0	5.4

X-Ray Results

35% 70% 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: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\underline{99}}\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

2.118 2.258 2.305

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
 2 x Total of 5 reps = $\frac{22.85}{2} = 11.425$ = 1000 seed wt.
 Seeds per Pound = $\frac{11.425}{0.001} = \underline{\underline{11425}}$

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	-071		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			-071

beg bal -071
 WRPIS ALL ~ 950 pLS
 New bal 0

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-23-10	0905		226-test	AC
		0935	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS