



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: **PUTR2**

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): **03/06/05**

Seed Collection Reference Number: **UT930-Ben241**

Collector(s): **Matthew Utley**

Country: **USA** Ecoregion: **UT-Wyoming Rockies** State: **Utah** County: **Salt Lake**

Location Details: **Red Butte Garden Natural Area along Quarry Road.**

Lat. (dg/min/sec): **N 40/46/01** GPS Used?: **Yes** *No* If no, please see other side.

Long. (dg/min/sec): **W 111/49/20** GPS Datum: **NAD83** *NAD27* **(WGS84)** *Other:*

Elevation (feet): **5250** Landowner Details (Permission?): **Yes**

HABITAT DATA

Habitat & Associated Species: **West Slope, foothills with *Quercus gambelii*, *Hackelia*, *Balsamorhiza*, *Artemisia*.**

Modifying Factors: **Mowed** *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:* **None**

Land Form: **Foothills** Slope°: **15°**

Land Use: **Conservation** Aspect: **N NE E SE S SW **(W)** NW**

Geology: **Sandstone**

Soil Texture: **Clay Silt **(Sand)** Other:** Soil Color: **Reddish Brown**

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

Family: **Roseaceae**

No. of Plants Sampled: **50**

Genus: **Purshia**

No. of Plants Found (approx.): **100**

Species: **tridentata**

Area Sampled (acres): **20**

Subspecies/Variety: **—**

Seeds Collected From: ****(Plants)** Ground Both**

Plant Habit: **Tree **(Shrub)** Forb Succulent Grass/Grasslike**

Plant Height (feet): **4'**

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

Rec 7/18/05

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

**1 burlap bag
3.054#**

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

**.500
2.554**

Common Name(s) of Plants: **Antelope Bitterbrush**

Photograph Taken: ****(Digital)** 35mm**

Reference: **Purshia**

Where Image will be Filed: **PBB**

**tridentata
May 24, 05**

SOSUT-93005-01

PUTR2-SOSUT-930-BEND41-05
 Purshia tridentata
 Antelope Bitterbrush
 SNWC 2 554 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	11-01-05
OSU Sample Taken	# of pounds	AC
	0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	97	REMARKS ENTERED
Moisture Content		
Seed Count	16,620	
GERM — TZ —	Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY <u>99</u> or NOXIOUS WEED only ___		

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
97 % 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:	Wt. Of Clean Seed _____ gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{99}\%$
* Weeds _____ gms	
* Noxious _____ 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).	
<u>2.782</u> <u>2.675</u>	Difference between max & min wt. _____ 10% of average _____

TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{27.29}{2} = 13.645$ = 1000 seed wt.
	Seeds per Pound = <u>16,620</u>

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.	Bag #	Bag Wt.
Bag # 1	1.315		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			1.315

ENTERED

Transaction Fee: _____	ENTERED
Seedbank Location	

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

DATE	Start	Stop	Process	Initials
11-01-05	1015		226-test	AC
		1030	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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