Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: PUTR-7
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 16/07/09
Seed Collection Reference Number: GBPML-05

Collector(s): BENNETT, R. AND COLE, E

Country: USA **Ecoregion (T,O,B):** 12-0: SIERRA NEVADA **State:** CA **County:** ALPINE

Location Details: OFF TRAIL BETWEEN CURTZ LAKE AND SUMMIT LAKE

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38°43'37.000" **GPS Used?:** *Yes* / *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 119° 47' 30.8" W **GPS Datum:** *NAD83* / *NAD27* / *WGS84* / *Other:*

Elevation (feet): 6295 (FT) **Landowner Details (Permission?):** BLM (YES)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: JEFFREY PINE FOREST; PINUS JEFFREY, PINUS MONOPHYLLA, ARCTUSTAPHYLES PATULA, ARTEMISIA TRIDENTATA

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:*

Land Form: SLOPE **Slope°:** 20°

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

Geology: BASALT AND ANDESITE

Soil Texture: *Clay* *Silt* (Sand) *Other:* **Soil Color:** SANDY

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

Family: ROSACEAE **No. of Plants Sampled (min. 50):** ≥80

Genus: PURSHIA **No. of Plants Found (approx.):** ≥400

Species: TRIDENTATA **Area Sampled (acres):** 84 A

Subspecies/Variety:

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

Plant Habit: *Tree* (*Shrub*) *Forb* *Succulent* *Grass/Grasslike* **Plant Height (feet):** 2-5 (FT)

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

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

Common Name(s) of Plants: ANTELOPE BITTERBRUSH

Photograph Taken: (*Digital*) *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

Seed Test/Packaging Record

SOS-GBPMC-05

PUTR2-SOS-GBPMC-05-09
Purshia tridentata
antelope bitterbrush
BLMS 2.447 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 3-25-10 AC
OSU Sample Taken	# of pounds: 4.13 0	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 70
Moisture Content: 5.5%
Seed Count: 21,900

REMARKS: mary blew this one out again after initial tests (X-ray 70%). Reclean stayed the same (70%) but seed wt is heavier.

GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY 99% or NOXIOUS WEED only ___

ENTERED

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.
								24.2	5.3

X-Ray Results

70 % 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 _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99 %

SEEDS PER POUND

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

~~1.866~~ 2.068 2.063
_____ _____

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 = 453600 / 1000 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 = 20.66 = 1000 seed wt.
Seeds per Pound = 21,900

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.037

ENTERED

beg bal .037
WRPIS ALL ~550 PLS
New bal = 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-25-10	1045		226-test	AC
		1115	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS _____