

Contact email: james\_greer@blm.gov (88) 478-6288

Pocatello, ID BLM Field office

Tests: x-ray, moisture content, purity, seeds / pound, TZ test

Return seed to Pocatello F.O.

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)



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): 28-29/07/2005 Seed Collection Reference Number: ID-320-093

Collector(s): BRUCE HALL, JOHN THOMAS, ELENA BENSHEIMER

Country: USA Ecoregion: COLUMBIA PLATEAU State: IDAHO County: BANNOCK

Location Details: ROBBER'S ROOST, PORTNEUF RANGE, SOUTHEAST OF POCATELLO

Lat. (dg/min/sec): N 42°42'22" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 112°12'18" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 4805' Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: ARTEMISIA TRIDENTATA SSP. TRIDENTATA, AGROPYRON CRISTATUM, BROMUS TECTORUM, POA BULBOSA, BALSAMORHIZA SAGITTATA, JUNIPERUS OSTEOSPERMA, LUPINUS SPP., COLLOMIA LINEARIS, ARTEMISIA LUDOVICIANA, SYMPHORICARPOS ALBUS

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: TOE SLOPE OF MOUNTAIN Slope°: 2-20°

Land Use: RECREATION Aspect: N NE E SE S SW NW

Geology: [ ]

Soil Texture: Clay Silt Sand Other: Soil Color: BROWN

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

Family: ROSACEAE No. of Plants Sampled: [ ]

Genus: PURSHIA No. of Plants Found (approx.): >20,000

Species: TRIDENTATA Area Sampled (acres): 25

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 8/8/05 burley bag

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: ANTELOPE BITTERBRUSH

Photograph Taken: Digital Reference: [ ] Where Image will be Filed: CD

30510 -05

# PRIORITY

## SOSID-32005-08

PUTR2-SOSID-320-093-05  
 Purshia Tridentata  
 Antelope Bitterbrush  
 SNWC 53 671 P

### Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	9-02-05
OSU Sample Taken	# of pounds	AC
	6.25g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	91%	REMARKS seeds are <u>not</u> buggy.
Moisture Content		
Seed Count	14,600	<b>POSTED</b>
GERM	TZ OSU	
PURITY ~ 99 or NOXIOUS WEED only		Strat Time: NC 46 8C 13C

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
91 % 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	<b>TOTAL (Impurities + Clean Seeds) _____ gms</b>
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \sim 99\%$
* 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)	Difference between max & min wt. _____ 10% of average _____
3.106	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average _____	2 x Total of 5 reps = $\frac{31.06}{2} = 15.53$ = 1000 seed wt.
	Seeds per Pound = $\frac{14,600}{15.53} = 939$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	20.010		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.		20.010	

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose/Remarks
9/6	all	ups	back to owner.

DATE	Start	Stop	Process	Initials
9.02.05	1030		226-test	AC
		1050	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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