BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

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

MSB Serial Number:
NRCS PLANTS Code: ~~PEDE2~~ PEDE4
Cleaning Facility: Bend.

Date(s) Collected (DD/MM/YY): 10/08/09
Seed Collection Reference Number: ~~GC07~~ OR110 135

Collector(s): Greg Carey

Country: USA **Ecoregion (T,O, B):** 4f **State:** OR County: Jackson

Location Details: T.34S R.8W S.34; north side of Grizzly Peak

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42° 16' 39.5 N GPS Used?: [Yes] No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122° 38' 05.2 W GPS Datum: [NAD83] NAD27 WGS84 Other:

Elevation (feet): 4936 Landowner Details (Permission?): Medford District BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Open northeast sloping steep, rocky slope on edge of Dead Indian Plateau overlooking valley. Low cover overstory includes: Douglas fir, western juniper, white oak, and ponderosa pine.

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

Land Form: Hillslope Slope°: 20

Land Use: mixed Aspect: *N* [NE] *E SE S SW W NW*

Geology: Basalt- volcanic

Soil Texture: [Clay] [Silt] *Sand Other:* Soil Color: tan

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

Family: Scrophulariaceae **No. of Plants Sampled** (min. 50): 250

Genus: Penstemon **No. of Plants Found** (approx.): 500

Species: deustus **Area Sampled** (acres): 5

Subspecies/Variety: var. pedicellatus

Seeds Collected From: [Plants] Ground Both (via bag)

Plant Habit: *Tree* [Shrub] *Forb Succulent Grass/Grasslike* Plant Height (feet): 1

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

2.145
− .150
1.095

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

Common Name(s) of Plants: ~~Hot rock~~ penstemon

Photograph Taken: [Digital] 35mm Reference (PLANTS Code_Coll. Number_Pic. No.): PEDE2_GC07_01 Where Image will be Filed:

Seed Test/Packaging Record

PRIORITY

SOS-OR110-135

PEDEP-SOS-OR110-135-09
Penstemon deustus var. pedicellatus
scabland penstemon
BLMS 1.095 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	11/27/09 AC
OSU Sample Taken	# of pounds .052g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90%.
Moisture Content 6.2%.
Seed Count 2,061,800

REMARKS: conf. w/cut seed. cut seed looks good.

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 87 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.
						—	70°	30.3	6.2

X-Ray Results

90 % 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 .08 gms — a lot of inerts that are similar size as seed.
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .08 gms
Wt. of Clean Seed .55 gms
TOTAL (Impurities + Clean Seeds) .63 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~87 %

SEEDS PER POUND

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

.022 .021 _____ _____ _____

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 (453.6 grams = 1 pound)
1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .22 = 1000 seed wt.
Seeds per Pound = 2,061,800

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.202	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.202

beginning bal. .202
- WRPIS 10,000 -.007
New balance .195

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-27-09	3:40		226-test	AC
		4:20	2270-pkg	AC

✓	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____