Rec 10/12/07
1 cloth
.340 #

.373
-.033

## Appendix 2. BLM *Seeds of Success* Field Data Form

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
**NRCS PLANTS Code:** PEWI

**Date Collected (DD/MM/YY):** Aug 10, 2007 **Seed Collection Reference Number:** ID-B6

**Collector(s):** Susan Elkins, Danny McDonald

**Country:** USA **Ecoregion:** Loamy 12-16" **State:** ID **County:** Payette

**Location Details:** along Boise Nat Forest Rd, West of Sawmeadows, road # 393.

**Lat. (dg/min/sec)** (ex: 40° 34' 19.5" N): 569792 N **GPS Used?:** (Yes) No If no, please see other side.

**Long. (dg/min/sec)** (ex: 107° 36' 51.54" W): 487383 W **GPS Datum:** NAD83 NAD27 WGS84 Other:

**Elevation (feet):** 5355 Landowner Details (Permission?):

## HABITAT DATA

**Habitat & Associated Species:** ERUM, CHNA, PIPO, ACGL

Modifying Factors: Mowed Burned (Grazed) Flooded Seeded Trampled Other:

Land Form: mountainious **Slope°:** 30%

Land Use: By 4X4 road **Aspect:** N NE E (SE) S SW W NW

Geology:

Soil Texture: Clay Silt (Sand) Other: **Soil Color:** med brown

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

**Family:** Scrophulariaceae **No. of Plants Sampled** (min. 50 ): 75

**Genus:** Penstemon **No. of Plants Found** (approx.): 200

**Species:** wilcoxii **Area Sampled (acres):** 3

Subspecies/Variety: —

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

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

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

**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: Wilcox's Penstemon / Beardtongue

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

# Seed Test/Packaging Record

**SOSID-93007-11**

PEWI-SOSID-930-B6-07
Penstemon wilcoxii
Wilcox's penstemon/beardtongue
BLMS .34 P

## PRE-PACKAGING CHECKLIST

| | | |
|---|---|---|
| Tag Count Complete | # of Tags: 1 | Date/Initials: LAD 4/18/08 |
| OSU Sample Taken | # of ~~pounds~~: 0.045g | |
| Sample Sent | (Y) / N | |

## Test Results: Both in-house and/or OSU

100 Seed X-ray: 92%
Moisture Content:
Seed Count: 2,160,000

REMARKS: ENTERED

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

PURITY 98% 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

92 % Filled 99/7

Results from 99 Seed X-Ray

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms

Wt of Impurities:
- Crops _____ gms
- Inerts 0.002 gms
- Weeds _____ gms
- Noxious _____ gms

0.062
0.041
0.103

Wt. of All Impurities: 0.002 gms
Wt. of Clean Seed 0.103 gms
**TOTAL (Impurities + Clean Seeds)** 0.105 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98 %

stems/chaff

## SEEDS PER POUND

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

0.021 0.020 _____
_____ _____

TOTAL of ALL Reps: 0.105
Average: 0.021

** 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 = 0.210 = 1000 seed wt.
Seeds per Pound = 2,160,000

## FINAL PACKAGING for Seed Storage/Transfer

| | Bag Wt. | | Bag Wt. |
|---|---|---|---|
| Bag # 1 | 0.084# | Bag # | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| | | **TOTAL Wt.** | 0.084# |

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

| Date | Wt. Shipped | Ship via | Purpose Remarks |
|---|---|---|---|
| | | | |

| DATE | Start | Stop | Process | Initials |
|---|---|---|---|---|
| 4/18/08 | 1005 | 1115 | 226-test | LAD |
| | | | 2270-pkg | |

✓ 4/18/08 LAD ID card file sample
✓ LAD 4/18/08 ~~Regional Office ID file~~ Inventory

POSTED TO: Lot Completion Logbook ✓ LAD 4/18/08 Computer NMIS_____