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: LOCR
Cleaning Facility:

**Date(s) Collected** (DD/MM/YY): 10/08/09 **Seed Collection Reference Number:** ~~JS05~~ ORI10 132

**Collector(s):** Julianne Spelletich

**Country:** USA **Ecoregion (T,O, B):** 78 G **State:** OR County: Jackson

**Location Details:** Soda Mt. Road @ 3.5 miles up, just off private.

**Lat. (dg/min/sec)** (ex: 40° 34' 19.5" N): 42° 05' 32.9" N GPS Used?: *Yes* *No* If no, please see other side.

**Long. (dg/min/sec)** (ex: 107° 36' 51.54" W): 122° 29' 25.2" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

**Elevation (feet):** 5040' Landowner Details (Permission?): BLM yes

## HABITAT DATA

**Habitat, Associated Species & Ecological Site Descriptor:** Above road edge, open grassy leading into coniferous forest. Poa bulbosa, ~~Symphoricarpus mollis~~ Pendendea, Elymus glaucus

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

Land Form: Upper slope Cascades Slope°: 5°

Land Use: CSNM Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: Basalt

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: brown-gray

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

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

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

**Species:** Crassifolius **Area Sampled (acres):** .25

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 2-3'

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

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

Common Name(s) of Plants: ~~Large~~ Deer Vetch

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

PRIORITY

**SOS-OR110-132**

LOCR-SOS-OR110-132-09
Lotus crassifolius
big deervetch
BLMS .826 P

# Seed Test/Packaging Record

## PRE-PACKAGING CHECKLIST

| | # of Tags | Date/Initials |
|---|---|---|
| Tag Count Complete | 0 | 11/29/09 AC |
| OSU Sample Taken | # of pounds 2.3g | |
| Sample Sent | (Y)/ N | |

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

100 Seed X-ray 89%
Moisture Content 6.6%
Seed Count 039,960

REMARKS ENTERED

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

PURITY 98% or NOXIOUS WEED only ____

## 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. |
| | | | | | | — | 66° | 33.5 | 6.6% |
| | | | | | | | | | |

## X-Ray Results

89 % 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 .048 gms buggy seed (holes)
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .048 gms
Wt. of Clean Seed 2.263 gms
**TOTAL (Impurities + Clean Seeds)** 2.311 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98 %

## SEEDS PER POUND

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

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

1.147 1.116 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = 11.35 = 1000 seed wt.
Seeds per Pound = 39,960

## FINAL PACKAGING for Seed Storage/Transfer

| | Bag Wt. | | Bag Wt. |
|---|---|---|---|
| Bag # 1 | .225 | Bag # | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| | | **TOTAL Wt.** | .225 |

ENTERED

beg balance .225
WRPIS - ALL ~7,800 pls
New bal = 0

SEED TRANSFER Log Number _____

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

| DATE | Start | Stop | Process | Initials |
|---|---|---|---|---|
| 11-29-09 | 1000 | | 226-test | AC |
| | | 1045 | 2270-pkg | AC |

| | |
|---|---|
| | ID card file sample |
| | Inventory Card Completed |

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____