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): 23/07/09 **Seed Collection Reference Number:** ~~RB02~~ OR110 133

Collector(s): Richard Brock

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

Location Details: T.34S R.8W S.34; 2 miles up Peavine Road (35-8-2) from Galice Creek Road, along the road edges for ½ mile stretch

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42 34 23.7 N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 123 30 15.08 W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 2200 Landowner Details (Permission?): Medford District BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Edges of road in dry Douglas fir – tanoak forest; disturbed bare soil; associated species include: *Pseudotsuga menziesii, Lithocarpus densiflorus, Quercus kelloggii, Toxicodendron diversiloba, Ceanothus integerrimus*

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

Land Form: Hillslope Slope°: 20

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

Geology: metamorphic

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

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

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

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

Species: crassifolius **Area Sampled (acres):** 0.5

Subspecies/Variety:

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

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

Common Name(s) of Plants: Big deervetch

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): LOCR_RB02_01 Where Image will be Filed:

Seed Test/Packaging Record

PRIORITY

SOS-OR110-133

LOCR-SOS-OR110-133-09
Lotus crassifolius
big deervetch
BLMS .6 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 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: 87 %.
Moisture Content: 6.3%.
Seed Count: 42,700

REMARKS: ENTERED

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

PURITY 99% 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.
						—	67°	31-1	6.3

X-Ray Results

87 % 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).

1.093 1.033 1.057 _____ _____

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 = 10.61 = 1000 seed wt.
Seeds per Pound = 42,700

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.366	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.366

beg. bal. .366
WRPIS 10,000 -.273
NEW BALANCE = .093

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-29-09	1055		226-test	AC
		1135	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____