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: LUAL3
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 15/08/09
Seed Collection Reference Number: ~~RB03~~ OR110 134

Collector(s): Richard Brock

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

Location Details: T.34S R.8W S.31; 2 miles north on Serpentine Spring Road (35-8-5) from Bearcamp Road; on west edge of road; two large patches 200 feet apart

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42 34 01.69 N GPS Used?: [Yes] No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 123 41 58.47 W GPS Datum: [NAD83] NAD27 WGS84 Other:

Elevation (feet): 3340 Landowner Details (Permission?): Medford District BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Edge of road in old clearcut in dry Douglas fir – tanoak forest; disturbed bare soil; associated species include: *Pseudotsuga menziesii, Lithocarpus densiflorus, Quercus chrysophylla, Arctostaphylos glandulosus, Arctostaphylos nevadensis, Xerophyllum tenax*

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

Land Form: ridgeline Slope°: 10

Land Use: Road ; clearcut Aspect: *N NE [E] SE S SW W NW*

Geology: metamorphic

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

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

Family: Fabaceae **No. of Plants Sampled (min. 50):** 100

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

Species: albicaulis **Area Sampled (acres):** 0.25

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: Sicklekeel lupine

Photograph Taken: *[Digital] 35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): LUAL3_RB03_01 Where Image will be Filed:

Seed Test/Packaging Record

PRIORITY

SOS-OR110-134

LUAL3-SOS-OR110-134-09
Lupinus albicaulus
Sickle-keel lupine
BLMS .615 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 11/23/09 AC
OSU Sample Taken	# of pounds: 5.6g	
Sample Sent	Y / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 75%.
Moisture Content: 6.9%.
Seed Count: 16,530

REMARKS

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

PURITY 98 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.
						—	71°	34.6	6.9

X-Ray Results

75 % 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 .096 gms
- Weeds _____ gms
- Noxious _____ gms

dead larva
most is buggy seed
? is this a diff. species
a few of these

Wt. of All Impurities: .096 gms
Wt. of Clean Seed 5.487 gms
TOTAL (Impurities + Clean Seeds) 5.583 gms

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

SEEDS PER POUND

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

2.797 2.690 _____
_____ _____

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 = 27.49 = 1000 seed wt.
Seeds per Pound = 16,530

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.502	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.502

ENTERED

beg. balance .502
WRPIS - ALL ~6,000 PLS
New balance 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-23-09	1305		226-test	AC
		1340	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____