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: LOCA3
Cleaning Facility: Bend.

Date(s) Collected (DD/MM/YY): 20/06/09, 30/06/09, 04/07/09

Seed Collection Reference Number: ~~KM 02~~ OR 110 147

Collector(s): K. MERGENTHALER

Country: USA **Ecoregion (T,O, B):** ~~PNW~~ 78b **State:** OR County: JACKSON

Location Details: EMIGRANT LAKE ON EASTERN KNOLL NEAR TRAIL. UTM E532415 N4664775

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42.13442N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122.60785W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 2283 Landowner Details (Permission?): JACKSON COUNTY

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: ON SMALL HILLTOP IN WESTERN WHITE OAK (QUGA4) WOODLAND WITH LOMATIUM DISSECTUM, PRUNUS SUBCORDATA, CYNOSURUS ECHINATA, AND ARRHENATHERUM ELATIUS.

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

Land Form: VALLEY FLOOR ON SMALL HILL Slope°: 5

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

Geology: SEDIMENTARY

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: BROWN

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

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

Genus: LOMATIUM **No. of Plants Found (approx.):** 300

Species: CALIFORNICUM **Area Sampled (acres):** 0.1

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 2.0

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: CALIFORNIA BISCUITROOT, LICORICE LOMATIUM

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): LOCA3-KM30-O63009 Where Image will be Filed: BLM

Seed Test/Packaging Record

PRIORITY

SOS-OR110-147

LOCA3-SOS-OR110-147-09
Lomatium californicum
Calfornia lomatium
BLMS 1.045 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	12/2/09 AC
OSU Sample Taken	# of pounds	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90
Moisture Content 6.0%
Seed Count 32,900

REMARKS some seed is real green (color). Bug eaten!!

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

PURITY 83 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.
						—	69°	28.5	6.0

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 1.812 gms — bug eaten seed
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: 1.812 gms
Wt. of Clean Seed 8.424 gms
TOTAL (Impurities + Clean Seeds) 10.236 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 83 %

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).

1.404 1.342 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = 13.75 = 1000 seed wt.
Seeds per Pound = 32,900

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.528	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.528

ENTERED

beg. bal .528
WRPIS 10,000 −.408
NEW BAL = .120

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-2-09	0810		226-test	AC
		0855	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____