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: LONU2
Cleaning Facility: Bend.

Date(s) Collected (DD/MM/YY): 09/08/09
Seed Collection Reference Number: ~~GCAT~~ OR110 130

Collector(s): GREG CAREY

Country: USA **Ecoregion (T,O, B):** CASCADES **State:** OR **County:** JACKSON

Location Details: N. SIDE OF GRIZZLY PEAK

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42° 16' 39.5" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122° 38' 05.2" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 4936' Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: PSME, QUGA4, PIPO, JUOC - ALL LOW COVERS
CHNA + LOW COVER.
GRASSES, + FORBS (ANNUALS + PERENNIALS) ALL HIGH COVERS

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

Land Form: NON GLACIATED MOUNTAIN Slope°: 4

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

Geology: BASAL - VOLCANIC

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

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

Family: APIACEAE **No. of Plants Sampled** (min. 50): 250

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

Species: NUDICAULE ✓ **Area Sampled (acres):** 3

Subspecies/Variety:

1 groc

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1

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

3.127
.151
2.976

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

Common Name(s) of Plants: ~~PESTLE LOMATIUM~~

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

YELLOW FLAGGING ON WEST EDGE OF SITE.

Seed Test/Packaging Record

PRIORITY

SOS-OR110-130

LONU2-SOS-OR110-130-09
Lomatium nudicaule
barestem biscuitroot
BLMS 2.976 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	11-24-09 AC
OSU Sample Taken	# of pounds 2.25g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 88
Moisture Content 6.0%
Seed Count 40,750

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.
						—	74°	28.1	6.0

X-Ray Results

88 % 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).

1.112 1.114 _____
_____ _____

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 = 11.13 = 1000 seed wt.
Seeds per Pound = 40,750

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	2.604	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	2.604

ENTERED

beg. balance 2.604
WRPIS -10,000 - .283 #
New Balance 2.321

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-24-09	1415		226-test	AC
		1500	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____