BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 23 April 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: LOFO

Date Collected (DD/MM/YY): 30/06/2008 **Seed Collection Reference Number:** WY-030-18

Collector(s): P.V. NGUYEN AND C. OTTO

Country: USA **Ecoregion:** WY BASIN **State:** WY **County:** CARBON

Location Details: WEST OF ATLANTIC RIM - ATLANTIC RIM PROJECT AREA, SUNDOG POD; 2-3 MILES FROM WILLOWS ROAD

Lat. (dg/min/sec): N41°21'39.650" **GPS Used?:** *Yes* *No* **If no, please see other side.**

Long. (dg/min/sec): W107°39'16.68" **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6685 **Landowner Details (Permission?):** BLM

HABITAT DATA

Habitat & Associated Species: SAGEBRUSH STEPPE
ARABIS SPP., XYLORHIZA GLABRIUSCULA, ARTEMISIA TRIDENTATA

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

Land Form: SLOPE OF HILL **Slope°:**

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

Geology:

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

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

0.214 **Family:** APIACEAE **No. of Plants Sampled:** 600

0.164 **Genus:** LOMATIUM **No. of Plants Found (approx.):** 12000

0.210 **Species:** FOENICULACEUM (Nutt.) **Area Sampled (acres):** 2

Subspecies/Variety:

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

0.196 Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.5

0.239 **Does the pressed specimen have the same reference as the seed collection?:** *Yes* *No*

1.288 **If not, enter details of collector, reference, where lodged, and date collected:** Rec 7/10/08 6 Sm paper bags

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 1 bag was open. Tape didn't keep bag shut. insects present!

Common Name(s) of Plants: DESERT BISCUITROOT; DESERT PARSLEY

Photograph Taken: *Digital* *35mm* Reference: Where Image will be Filed: MARY BYRNE

SOSWY-03008-01

LOFO-SOSWY-030-18-08
Lomatium foeniculaceum
desert parsley
BLMS 1.29 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete		8/13/08 NR
OSU Sample Taken	# of pounds	
Sample Sent	(Y)/N 2gr	2.025gr

Test Results: Both in-house and/or OSU

100 Seed X-ray 77%
Moisture Content 6.9%
Seed Count 76,881

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.
						4:55pm	74.2°F	34.8%	6.9%

X-Ray Results

77 % 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 = _____ %

bugs!! ≈98%

SEEDS PER POUND

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

0.590 _____ _____
_____ _____
TOTAL of ALL Reps: 2.950
Average: .590

** 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 = 5.90 = 1000 seed wt.
Seeds per Pound = 76,881

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.400	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.400

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
8/13/08	0900	0925	226-test	NR
			2270-pkg	

✓ done 8/13 ID card file sample
✓ Inventory card completed

ENTERED

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____