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: PEHO5
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 06/09//09 **Seed Collection Reference Number:** ~~KMG5~~ OR110 152

Collector(s): K. MERGENTHALER

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

Location Details: PERRY RD IN EPHEMERAL STREAMS, BLM.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42 °30' 37.8"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122 ° 56' 08.6"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 1323 Landowner Details (Permission?): BFRA, BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: IN OAK (QUGA4)/ BUCKBRUSH (CECU) - WOODLAND WITH SCABLAND COMPONENTS IN EPHEMERAL DRAW WITH DEDA, TACA8, MIGU, NAVINT, AND EPILOBIUM TORREYI.

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

Land Form: VALLEY FLOOR Slope°: 1

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

Geology: IGNEOUS

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): 65

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

Species: HOWELLII **Area Sampled (acres):** 0.4

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 3 – 5

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: HOWELL'S YAMPAH

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

Seed Test/Packaging Record

PRIORITY

SOS-OR110-152

PEHO5-SOS-OR110-152-09
Perideridia howellii
Howell's yampah
BLMS .175 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	12-2-09 AC
OSU Sample Taken	# of pounds .36 g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 75%
Moisture Content 6.6%
Seed Count 253,400

REMARKS ENTERED

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

PURITY 96% 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.
						—	72	32.6	6.6

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 .028 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .028 gms
Wt. of Clean Seed .714 gms
TOTAL (Impurities + Clean Seeds) .742 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 96 %

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).

.181 .176 _____
_____ _____
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 = 1.79 = 1000 seed wt.
Seeds per Pound = 253,400

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.009	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.009

ENTERED

beg-bal .009
WRPIS — ALL ~1,500 PLS
New Bal = ~~0~~

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-2-09	1135		226-test	AC
		1205	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ _____ Computer NMIS_____