BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: PHLI
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 20/07/09 **Seed Collection Reference Number:** OR030-60

Collector(s): Eshleman, Wigglesworth

Country: USA **Ecoregion (T,O,B):** O-80 **State:** OR County: Malheur

Location Details: Cottonwood Mtn Rd

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 44° 09.596' N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 117° 41.645' W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 5436 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Artemisia tridentate var. vaseyana, Pseudoroegneria spicata, Bromus tectorum, Chrysothamnus nauseousus
Road Cut

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

Land Form: Rolling hills Slope°: 10 – 15

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

Geology: soil capped basalt flow

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: Brown with red hue

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

Family: Hydrophylaceae **No. of Plants Sampled** (min. 50): 97

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

Species: linearis **Area Sampled (acres):** 6

Subspecies/Variety:

8/14/09 Rec

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

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

Native plant materials development and research this accession will be used for: Reclamation – Sagebrush steppe

1 cloth
0.289

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

Common Name(s) of Plants: threadleaf phacelia

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): PHLI_OR030-60_A,B,C Where Image will be Filed: CD

SOS-OR030-60

PHLI-SOS-OR030-60-09
Phacelia linearis
threadleaf phacelia
BLMS .34 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	5/28/10 LAD
OSU Sample Taken	# of pounds 0.117g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 97%
Moisture Content 5.8%
Seed Count 958,613

REMARKS

GERM ____ TZ OSU 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.
							68.6	27.2	5.8

X-Ray Results

97 % Filled

Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: 0.317 gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: 0.001 gms
Wt. of Clean Seed 0.316 gms
TOTAL (Impurities + Clean Seeds) 0.317 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99.6 %

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).

0.050 0.047 0.046
0.047 0.048
TOTAL of ALL Reps: 0.238
Average: 0.048

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 = 0.476 = 1000 seed wt.
Seeds per Pound = 958,613

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.049	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.049

leg bag 0.049#
WRPIS 0.011# - 10M
0.038#

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/28/10	0900	0945	226-test	LAD
	1155	1205	2270-pkg	LAD

5/28/10	ID card file sample
5/28/10	Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/28/10 Computer NMIS_____