BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 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: DEMU

Date Collected (DD/MM/YY): 13/09/08 **Seed Collection Reference Number:** OR930-RC48

Collector(s): Ellen Kuhlmann, Don Knoke

Country: USA **Ecoregion:** Modoc Plateau & East Cascades **State:** WA County: Kittitas

Location Details: Travel on US hwy 97 from either Ellensburg or Peshastin to Blewett Pass. Near the summit of the pass turn onto Forest Road 9716. After a few miles, go left at fork in road, continuing on Forest Road 9712. Continue on 9712 until you reach the junction of 9712 and Forest road 35. Turn right (south) on 35. After traveling 0.7 miles on road 35, go left (southeast) on road 3530, follow the Naneum meadow sign. At about 1.2 miles look for open view of meadow, and the Naneum meadow sign. Park in a pullout, and travel down the slope into the meadow. Majority of population is in northern half of the meadow.

Lat. (dg/min/sec): N 47/17/32.7 GPS Used?: **Yes** *No* If no, please see other side.

Long. (dg/min/sec): W 120/33/11.4 GPS Datum: *NAD83* **NAD27** *WGS84* *Other:*

Elevation (feet): 5100 Landowner Details (Permission?): Okanogan/Wenatchee National Forests (yes)

HABITAT DATA

Habitat & Associated Species: Habitat: intermittent stream channels within meadow
Associated species: Arenaria capillaris, Achnatherum occidentale, Lomatium sp., Veratrum californicum, Olsynium douglasii var. inflatum., Achillea millefolium, Festuca idahoensis, Polygonum douglasii, Perideridia gairdneri, Draba stenoloba, Erigeron sp., Phleum pratense, Penstemon confertus, Trifolium longipes ssp. longipes, Monardella odoratissima ssp. discolor, Solidago canadensis, Agoseris aurantiaca, Carex sp., Angelica sp., Potentilla gracilis var. glabrata, Sedum rupicola (S. lanceolatum v. rupicolum)

Modifying Factors: *Mowed* *Burned* **Grazed** *Flooded* **Seeded** *Trampled* *Other:* meadow has been grazed in the past, as well as some areas evidently seeded with pasture grasses.

Land Form: Mountain Slope°: flat

Land Use: recreation, wildlife habitat, open space Aspect: *N NE E SE S SW W NW*

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* sandy silt w cobbles Soil Color: light brown

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

Family: Ranunculaceae **No. of Plants Sampled:** 200

Genus: Delphinium **No. of Plants Found (approx.):** 750

Species: multiplex **Area Sampled (acres):** 160 (habitat is a subset of area within this acreage)

Subspecies/Variety:

1 cloth
0.310#

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

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

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

If not, enter details of collector, reference, where lodged, and date collected: Specimens were collected in 2007 as part of the OR930-RC38 Kew collection. Collector: Ellen Kuhlmann

label goes here (1 1/8" X 3 1/2")

SOSOR-93008-07
DEMU

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~2	Date/Initials 2/11/09 AC
OSU Sample Taken	# of pounds	
Sample Sent	(Y) N	

Test Results: Both Inhouse and/or OSU ENTERED

		REMARKS
100 Seed X-ray	80%	
Moisture Content	4.9%	
Seed Count	436,100	

GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY 96 or NOXIOUS WEED only ___

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**~~Moisture Analyzer~~** hygro		
Dial Reading	M.C.	Grams	Temp °~~C~~ F°	~~Time Used~~ RH%	% M.C.
			69°	~22%	4.9

X-ray Results

80 % 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 .067 gms
* Weeds ___ gms
* Noxious ___ gms

Wt. Of all Impurities: .067 gms
Wt. Of Clean Seed 1.686 gms
TOTAL (Impurities + Clean Seeds) 1.753 **gms**

Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 96 %

SEEDS PER POUND

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

.108 .100 ___ ___ ___

TOTAL of ALL Reps ___
Average ___

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. ___ 10% of average ___

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 1.04 = 1000 seed wt.

Seeds per Pound = 436,100

Wait T2 before PPMC pull

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.050	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	.050

Transaction Fee: ___

Seedbank Location

SEED TRANSFER Log Number ___

Date	Wt. Shipped	Ship via	Purpose/Remarks
	got it		

DATE	Start	Stop	Process	Initials
2-11-09	1305		226-test	AC
		1400	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** ___ **Inventory Card** ✓ **Y** ___ **NA**