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: THOC

Date Collected (DD/MM/YY): 08/09/08 **Seed Collection Reference Number:** OR930-RC46

Collector(s): Ellen Kuhlmann

Country: USA **Ecoregion:** North Cascades **State:** WA County: Whatcom

Location Details: Travel east on WA state highway 542 past the town of Glacier. Continue on highway 542 until you reach forest road 3065 (Twin Lakes Rd). Turn left onto this road and continue to the Tomyhoi Lakes trailhead. The population begins a short ways up the trail, covering a large, steep, open slope.

Lat. (dg/min/sec): N 48/56/41.6 GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 120/39/44.2 GPS Datum: *NAD83* *NAD27* ***WGS84*** *Other:*

Elevation (feet): 4050 Landowner Details (Permission?): U.S. Forest Service, Mt. Baker-Snoqualmie National Forest (yes)

HABITAT DATA

Habitat & Associated Species: Habitat: shrubfield
Associated species: common sp. – *Rubus parviflorus, Epilobium angustifolium, Pteridium aquilinum, Rosa nutkana, Sorbus* sp. other sp. – *Heracleum lanatum, Aruncus sylvester, Aster* sp., *Valeriana sitchensis, Phacelia fendleri, Spiraea douglasii, Artemisia* sp., *Lilium columbianum*

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

Land Form: Mountain Slope°: 60

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

Geology: Talus and scree slopes

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: light brown

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

Family: Ranunculaceae **No. of Plants Sampled:** 70

Genus: Thalictrum **No. of Plants Found (approx.):** 500-5,000

Species: occidentale **Area Sampled (acres):** 5

Subspecies/Variety:

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

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

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: Associated with Seeds of Success collection OR930-RC18, collection made by Ellen Kuhlmann in July of 2006.

1 cloth

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

0.030#

Common Name(s) of Plants: meadowrue

Seed Test/Packaging Record

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

SOSOR-93008-06 THOC

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 2/17/09 AC
OSU Sample Taken	# of pounds: ~463g	
Sample Sent	(Y) / N	100 seed only

Test Results: Both Inhouse and/or OSU

		REMARKS
100 Seed X-ray	82%	ENTERED
Moisture Content	Too few	
Seed Count	97,900	

GERM ____ TZ OSU 100 seed Strat Time: NC ____ 4C ____ 8C ____ 13C ____

PURITY ~99% or NOXIOUS WEED only ____

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
			Too few seed		

X-ray Results

82 % 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).

.463 _____ _____

_____ _____

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 = 4.63 = 1000 seed wt.

Seeds per Pound = 97,900

entire lot? will all go to PPMC?

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	-003	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	-003

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks
	got it		

DATE	Start	Stop	Process	Initials
2-17-09	1055		226-test	AC
		1120	2270-pkg	AC

	ID card file sample
	Regional Office ID file

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