

Please use **BLOCK CAPITALS**MSB Serial Number: Please complete all the priority fields labeled in **bold**.NRCS PLANTS Code: Please circle relevant descriptions shown in *italics*.Date Collected (DD/MM/YY): Seed Collection Reference Number: Collector(s): Country: Ecoregion: State: County:

Location Details: From I-90, exit onto hwy 23, then almost immediately onto hwy 243. Travel south on 243 past Priest Rapids Dam to T 13N, R 24E, Section 8. Turn right onto a unsigned gravel road at the approximate center of section 8 towards the Columbia River. Park near junction with another unmarked road that parallels the river. Plants extend in all directions from this point.

Lat. (dg/min/sec): GPS Used?: If no, please see other side.Long. (dg/min/sec): GPS Datum: Elevation (feet): Landowner Details (Permission?): **HABITAT DATA**

Habitat & Associated Species: Habitat: Shrub steppe
Associated species: Purshia tridentata, Artemisia tridentata, Bromus tectorum, Lupinus latifolius v. latifolius, Poa sandbergii, Stipa comata, Lomatium sp., Eriogonum microthecum, Erigeron poliospermus, Erodium circinatum, Sisymbrium altissimum, Centaurea diffusa, Oenothera caespitosa v. purpurea

Modifying Factors: Land Form: Slope°: Land Use: Aspect: Geology: Soil Texture: Soil Color: **COLLECTION DATA - If plant has been identified by a specialist, please see other side.**Family: No. of Plants Sampled: Genus: No. of Plants Found (approx.): Species: Area Sampled (acres): Subspecies/Variety: Seeds Collected From:

Rec. 10/17/07
sm blm cloth bag
-169#

Plant Habit: Plant Height (feet): Does the pressed specimen have the same reference as the seed collection?:

If not, enter details of collector, reference, where lodged, and date collected:

Collector Ellen Kuhlmann, part of collection of same species for Kew Millennium Seedbank in 2006, refer to specimens collected as part of OR930-RC7

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

flowers light lavender with whitish tips

Common Name(s) of Plants:

Photograph Taken: Reference: Where Image will be

Seed Test/Packaging Record

SOSOR-93007-09

ASSU7-SOSOR-930-RC33-07
 Astragalus succumbens
 Columbia milkvetch
 BLMS .169 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	2-4-08
OSU Sample Taken	# of pounds	AC
	.68	
Sample Sent	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	91	REMARKS ENTERED
Moisture Content		
Seed Count	136,600	
GERM ___ TZ <u>osu</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>~99</u> 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.

X-Ray Results

91 % Filled

Results from
100 Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>~99</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.324 .337

TOTAL of ALL Reps: _____
 Average: _____

** 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 = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
 2 x Total of 5 reps = 3.32 = 1000 seed wt.
 Seeds per Pound = 136,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.034</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.034</u>

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>2-4-08</u>	<u>1450</u>		226-test	<u>AC</u>
		<u>1515</u>	2270-pkg	<u>AC</u>

ID card file sample
 Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____