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

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

Date(s) Collected (DD/MM/YY): 24/07/09 **Seed Collection Reference Number:** OR931-46

Collector(s): Christa von Behren, Sarah Kelsey, Fadumo Hassan, Christina Birkett

Country: USA **Ecoregion (T,O, B):** O: 4 **State:** OR County: Wasco

Location Details: T5S R10E S17 NW1/4 Take hwy 26 east from Portland, past the intersection with 35. Turn left onto 43.Turn right on 4310, at first intersection. Turn right onto 2130. Pull into parking area and take trail/old road 240. Population is on both sides of the trail in wooded area.

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

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

Elevation (feet): Landowner Details (Permission?): US Forest Service - yes

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Dry alpine forest, *Anemone deltoidea, Paxistima myrsinites*, Oregon grape, *Osmorhiza*

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

Land Form: Slope°: 0 to 5*

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

Geology:

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

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

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

Genus: Chimaphila **No. of Plants Found (approx.):**

Species: umbellata **Area Sampled (acres):**

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): To 1

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): change common name in database

Common Name(s) of Plants: Pipsissewa

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): CHUM_OR931-46-1 Where Image will be Filed: Berry Botanic Garden

Pre-collection checklist

Seed Test/Packaging Record

SOS-OR931-46

CHUM-SOS-OR931-46-09
Chimaphila umbellata
pipsissewa
BLMS .19 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 1	Date/Initials: 6/1/10 LAD
OSU Sample Taken	# of pounds: 0.048	
Sample Sent	Y / N	

* Test Results: Both in-house and/or OSU

100 Seed X-ray ~ 96%
Moisture Content 6.9%
Seed Count 45,360,000

REMARKS * tiny, tiny seed - 100 seed does not weight. will use 0.001 as AVG seed wt. ALL tests AVG.

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

PURITY 95% or NOXIOUS WEED only ____

ENTERED

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.
									6.9

* X-Ray Results

96 % Filled *
cut 20 seed
Results from 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 = ~ 95% %

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).

_____ _____ _____
_____ _____

TOTAL of ALL Reps: _____
Average: 0.001

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 = 0.010 = 1000 seed wt.
Seeds per Pound = 45,360,000 ~

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.006	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.006

begin bal. 0.006
WRPIS 0.001 ~ 10M
0.015

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
6/1/10	1055	1130	226-test	LAD
			2270-pkg	

6/1/10 LAD ID card file sample
6/1/10 LAD Inventory Card Completed

POSTED TO: Lot Completion Logbook 6/1/10 LAD Computer NMIS _____