

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: ANDE3

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 17/09/09

Seed Collection Reference Number: OR931-49

Collector(s): Christa von Behren, Sarah Kelsey

Country: USA

Ecoregion (T,O,B): O: 4

State: OR

County: Clackamas

Location Details: Rd 58 near Little Crater Lake. From Hwy 26 turn SW onto Hwy 42. Turn right on Rd 58, following signs to Little Crater Lake. Population begins along road just past the Little Crater Lake sign, and extends about 2 miles along the road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 45.15614* N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 121.74474* W GPS Datum: NAD83 NAD27 WGS84 Other:

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

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Alpine coniferous forest, *Cornus unalashkensis*, *Paxistima myrsinites*, Oregon grape, Douglas fir, *Chimaphila umbellata*

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Slope°: 0 - 10*

Land Use: recreation

Aspect: N NE E SE S SW W NW

Geology: volcanic

Soil Texture: Clay Silt Sand Other:

Soil Color: Dark brown

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

Family: Ranunculaceae

No. of Plants Sampled (min. 50): 54

Genus: Anemone

No. of Plants Found (approx.): 300

Species: deltoidea

Area Sampled (acres): 3

Subspecies/Variety:

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:

Restoration projects on public lands.

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

White flowers, three leaves per plant

Common Name(s) of Plants:

Columbian windflower

Photograph Taken: Digital 35mm

Reference (PLANTS Code_Coll. Number_Pic. No.): ANDE3_OR931-49-1

Where Image will be Filed: Berry Botanic Garden

Pre-collection checklist

Seed Test/Packaging Record

SOS-OR931-49

ANDE3-SOS-OR931-49-09
 Anemone deltoidea
 Columbian windflower
 BLMS .02 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	
OSU Sample Taken	# of pounds	
	0.529	
Sample Sent	Y/N	
		110 seed *

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	94%	* 110 seed
Moisture Content	Too few	
Seed Count	92,008	
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.
									Too few seed

X-Ray Results
94 % Filled
Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: 0.339 gms	Wt. of All Impurities: 0.000 gms
Wt of Impurities:	Wt. of Clean Seed 0.338 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 0.339 gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99.7\%$
• Weeds _____ gms	
• Noxious _____ gms	

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).	Difference between max & Min wt. _____ 10% of average _____
0.494 0.488 0.496	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: 2.46	To calculate M seed wt, take Total of 5 samples times 2.
Average: 0.493	2 x Total of 5 reps = 4.93 = 1000 seed wt.
	Seeds per Pound = 92,008

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.003		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.003

* only 110 seed to TZ
 Jugin @ae 0.003#
 WRPIS 0.003# ~ 259 PLS
 0

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/24/10	1430	1515	226-test	LAD
			2270-pkg	

5/24/10 LAD ID card file sample
 5/24/10 LAD Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/24/10 LAD Computer NMIS _____