

Date(s) Collected (DD/MM/YY): 24/08/09

Seed Collection Reference Number: OR931-41

Collector(s): Christa von Behren, Erin Riggs

Country: USA

Ecoregion (T,O,B):

O: 4

State: OR

County: Lane

Location Details:

From I-5 take highway 58 east toward Lowell and Oakridge. Go past lookout Point Lake. Turn left on Westfir Rd/Aufderheide Dr./Rd 19. Road is across highway from the FS ranger station. Go through Westfir, turn left on Rd 1912. Take about 7 miles. At a 4-way intersection, to stay on road turn right up a steep hill. Park immediately after the junction of 1912 and 140. Take the Alpine Trail up from rd 1912. ACRU2 is along both sides of the trail to the summit of the hill.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 43.86292 N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122.48557 W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 4803 Landowner Details (Permission?): US Forest Service - yes

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Old-growth forest. *Vancouveria hexandra*, *Abies procera*, *Oxalis*, *Tiarella trifoliata*, *Maianthemum*, *Achlys triphylla*, *Chimaphilla umbellata*, *Cornus unalashkensis*, *Rhododendron*, *Pseudotsuga menziesii*, *Vaccinium*

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: hillside

Slope°: 30*

Land Use: recreation

Aspect: N NE E SE S SW W NW

Geology:

Soil Texture: Clay Silt Sand Other:

Soil Color: dark

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

Family: Ranunculaceae

No. of Plants Sampled (min. 50): 77

Genus: Actaea

No. of Plants Found (approx.): 200

Species: rubra

Area Sampled (acres): 3

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1 ft

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):

Common Name(s) of Plants: Red baneberry

Photograph Taken: Digital 35mm

Reference (PLANTS Code_Coll. 1

ACRU2_OR931-41-

Where Image will be Filed: Berry Botanic Garden

Seed Test/Packaging Record

SOS-OR931-41

ACRU2-SOS-OR931-41-09
Actaea rubra
red baneberry
BLMS .05 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 2-10-10
OSU Sample Taken	# of pounds 1.3g	AC
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	90% 6.27. 68300
Moisture Content	
Seed Count	
REMARKS: ENTERED	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY <u>98%</u> 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.
								29-8	6-2

X-Ray Results
90 % Filled
Results from 100 Seed X-Ray

4 PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.06</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.664</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>2.724</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98} \%$
• 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).	
<u>.666</u> <u>.661</u>	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = <u>6.67</u> = 1000 seed wt.
	Seeds per Pound = <u>68,300</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.026</u>

bag bal
WRPIS
New bal
0026
ALL ~1500
0

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

DATE	Start	Stop	Process	Initials
2-10-10	1045		226-test	AC
		1125	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____