

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: RAST

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 23/09/09

Seed Collection Reference Number: OR931-48

Collector(s): Christa von Behren, Sarah Kelsey

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

Location Details: Granite Peaks area. From Estacada, take 224/FS 46 east. Turn right on Rd 4670, past the intersection with Rd 42. Take 4670 to 6310, turn right. Go about 1 mile and park across from spur 040, which will be on the left. Walk up spur and continue on path. Population is along the path and the spur road, on both sides.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 0580669 N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 4980351W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 4996 Landowner Details (Permission?): USFS - yes

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Alpine hillside. *Abies procera*, *Eucephalus gormanii*, huckleberry, Oregon sunshine

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: hillside Slope°: 0-20*

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

Geology: volcanic

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: Asteraceae

No. of Plants Sampled (min. 50): 425

Genus: Rainiera

No. of Plants Found (approx.): 800

Species: stricta

Area Sampled (acres): 2

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1 to 3

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: False silverback

Photograph Taken: Digital 35mm

Reference
(PLANTS Code, Coll.
Number, Pic. No.):

RAST_OR931-48-1

Where Image will be Filed: Berry Botanic Garden

Seed Test/Packaging Record

SOS-OR931-48

RAST-SOS-OR931-48-09

Rainiera stricta

false silverback

BLMS

.58 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	5/4/10
OSU Sample Taken	# of pounds	AC
	.76g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>94</u>	ENTERED
Moisture Content	<u>5.1%</u>	
Seed Count	<u>120,600</u>	
GERM <u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>		
PURITY <u>94</u> or NOXIOUS WEED only <u>—</u>		

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.
								23.5	5.1

X-Ray Results
<u>94</u> % Filled
Results from <u>100</u> Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: <u>-088</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.508</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.596</u> gms
• Inerts <u>-088</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{94} \%$
• 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>.377</u> <u>.374</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>3.76</u> = 1000 seed wt.
	Seeds per Pound = <u>120,600</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.150</u>

bag bal .150
 WRPIS .095
 New bal .055

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

DATE	Start	Stop	Process	Initials
<u>5-4-10</u>	<u>1005</u>		226-test	<u>AC</u>
		<u>1040</u>	2270-pkg	<u>AC</u>

<input checked="" type="checkbox"/>	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____