

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: POGRF2
Storage Facility: Bend
Date Collected: 19 AUG 2009
Seed Collection Reference Number: NV030-268
Collector(s): Robinson, A.
UNKNOWN
Name to be created in Washington office

*Potentilla
gracilis
var.
fastigiata*

Country: United States Ecoregion: 12, Sierra Nevada
State: California County: Alpine
City/Town/Park: Humboldt-Toiyabe National Forest Geographic Area: Monitor Pass
Location Details: Take hwy 89 east from markleeville up monitor pass. Park next to highway on dirt pull off. Collecting site is in the meadow on the right.
Lat. (dg/min/sec): 38° 39' 59" N Long. (dg/min/sec): 119° 40'02" W
GPS: NAD83

Landowner Details (Permission): National Forest Service
Altitude: 2208 M

Associated Species: *Poa secunda, Sidalcea sp., Achnatherum thurberianum, Artemisia sp., Perideridia spp., Chrysothamnus viscidiflorus, Elymus elymoides, Erigeron sp., Purshia tridentata, Achnatherum sp., Juniperus osteosperma, Lupinus sp., Pinus jeffreyi, Bromus tectorum, Symphoricarpos alba*

Habitat: Grass Meadow, Grass, Forbs, Shrubs

Modifying Factors: None

Land Form: Meadow Aspect: 170, S

Land Use: Recreation Slope: 1°

Geology: Andesite and Rhyolite

Soil: Sandy Loam

No. of Plants Sampled and Misc.: 250 plants sampled

No. of Plants Found: ca 500

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: Yellow flowers, palmate leaves, Height: 1'

Common Name(s): # *slender cinquefoil*

Photograph (to be send electronically to SOS National Office) file name: #

Identification

Robinson - A. BLM, In Field ,8/19/09

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: 4 vouchers taken

- a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

Rec 9/16
2 gwt
2.110#
- .300
1.810

Seed Test/Packaging Record

SOS-NV030-268

POGRF2-SOS-NV030-268-09
 Potentilla gracilis var. fastigiata
 slender cinquefoil
 BLMS 1.81 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	12/23/09
OSU Sample Taken	# of pounds	
	.09g	AC
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	85%	REMARKS ENTERED
Moisture Content	6.2%	
Seed Count	1,354,000	
GERM	TZ <u>OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	97%	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.
							30.3	71	6.2

X-Ray Results

85 % 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: <u>.011</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.374</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.385</u> gms
• Inerts <u>.011</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>97</u> %
• 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).

.034 .032

TOTAL of ALL Reps: _____
 Average: _____

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 = .335 = 1000 seed wt.

Seeds per Pound = 1,354,000

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>.096</u>

beg. bal .096
 WRPIS - .010 ~10,000 PLS
 New bal. - .086

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-23-09	1100		226-test	AC
		1140	2270-pkg	AC

OK	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS