



Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

Cleaning Facility:

POFI3
Bend, OR

Date(s) Collected (DD/MM/YY): 17/08/09

Seed Collection Reference Number: WY930-20

Collector(s): Pappas, G. and Pullos, M.

Country: USA Ecoregion (T,O,B): Southern Rockies (21) State: WY County: Albany

Location Details: Medicine Bow National Forest; off of Happy Jack Road, off of dirt road 707A, Dead End road after big curve to the West (wooden fence), South side of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 41°12'20.57"N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 105°21'22.79"W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 8185 Landowner Details (Permission?): National Forest Service

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Montane sagebrush steppe/mixed conifer forest; Artemisia tridentata var. wyomingensis, Heterotheca villosa, Eriogonum umbellatum, Poa sp., Antennaria spp., Pseudoroegneria spicata, Thermopsis divaricarpa, Pinus ponderosa.

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

Land Form: Mountain plain/forest edge Slope°: Variable, 0-5

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

Geology: granitic

Soil Texture: Clay Silt Sand Other: Soil Color: 10YR 4/3

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

Family: Rosaceae

No. of Plants Sampled (min. 50): 400

Genus: Potentilla

No. of Plants Found (approx.): 1000

Species: fissa

Area Sampled (acres): 3

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1

Native plant materials development and research this accession will be used for:

Reclamation
0.289
- .018

.271

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

Common Name(s) of Plants:

bigflower cinquefoil

Photograph Taken: Digital 35mm

Reference (PLANTS Code_Coll. Number_Pic. No.): POFI3_WY930-20_(A,B)

Where Image will be Filed: WY930 plant tech. folder

Seed Test/Packaging Record

SOS-WY930-20

POF13-SOS-WY930-20-09

Potentilla fissa

bigflower cinquefoil

BLMS

.27 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>1</u>	Date/Initials <u>5/13/10</u> <u>LAD</u>
OSU Sample Taken	# of pounds <u>0.045g</u>	
Sample Sent	<u>YN</u>	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>87%</u>	REMARKS  ENTERED
Moisture Content	<u>6.2%</u>	
Seed Count	<u>3,385,075</u>	
GERM	<u>OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>91%</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.
							<u>71.1</u>	<u>29.3</u>	<u>6.2</u>

X-Ray Results

<u>87</u> % Filled
Results from <u>97</u> Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: <u>0.114</u> gms	Wt. of All Impurities: <u>0.010</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>0.101</u> gms
• Crops <u> </u> gms	TOTAL (Impurities + Clean Seeds) <u>0.111</u> gms
• Inerts <u>0.010</u> gms - flower parts	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>91</u> %
• Weeds <u> </u> gms	
• Noxious <u> </u> gms	

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. of 5 reps of 100 seeds each (in grams).

<u>0.015</u>	<u>0.013</u>	<u>0.011</u>
<u>0.015</u>	<u>0.013</u>	
TOTAL of ALL Reps: <u>0.067</u>		
Average: <u>0.013</u>		

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

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 = 0.134 = 1000 seed wt.
Seeds per Pound = 3,385,075

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.046</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>0.046</u>

ENTERED

begin bal 0.046#
WRPIS 0.004#
0.042#

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

DATE	Start	Stop	Process	Initials
<u>5/13/10</u>	<u>1310</u>	<u>1450</u>	226-test	<u>LAD</u>
			2270-pkg	

<u>5/13/10</u>	<u>LAD</u>	ID card file sample Inventory Card Completed
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POSTED TO: Lot Completion Logbook 5/13/10 LAD Computer NMIS _____