

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: POFI3

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 23/07/09

Seed Collection Reference Number: WY930-8

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

Country: USA

Ecoregion (T,O,B):

Southern Rockies
(21)

State: WY

County: Albany

Location Details:

Medicine Bow National Forest; off Happy Jack Rd.; 0.25 mi. up dirt road 700
(Vedauwoo Glen Rd.); both sides of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

41°11'17.9"N

GPS Used?:

Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

105°18'09.1"W

GPS Datum:

NAD83 NAD27 WGS84 Other:

Elevation (feet):

7802 feet

Landowner Details (Permission?):

USFS

HABITAT DATA

Habitat, Associated
Species & Ecological
Site Descriptor:Montane grassland. Antennaria parvifolia, Antennaria microphylla, Artemisia frigida, Eriogonum jamesii
var. flavescens, Eriogonum umbellatum var. umbellatum, Koeleria macrantha, Sedum lanceolatum,
Astragalus bisulcatus, Erigeron sp., Poa sp., Hesperostipa comata, Potentilla hippiana var. effusa

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Mountain plain

Slope°:

Variable, 0-2

Land Use:

Grazing, recreation

Aspect:

N NE E SE S SW W NW

Geology:

Granitic

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:

Rosaceae

No. of Plants Sampled (min. 50):

350

Genus:

Potentilla

No. of Plants Found (approx.):

800

Species:

fissa

Area Sampled (acres):

2

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

8 inches

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

Reclamation

0.212
0.036
0.176#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 35mmReference
(PLANTS Code_Coll.
Number_Pic. No.):POFI3_WY930-
8_(A thru C)

Where Image will be Filed:

WY930

Seed Test/Packaging Record

SOS-WY930-8

POF13-SOS-WY930-8-09

Potentilla fissa

bigflower cinquefoil

BLMS

.175 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	5/4/10
OSU Sample Taken	# of pounds	AC
	.038g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	~80 + cut seed	REMARKS  ENTERED
Moisture Content	4.7	
Seed Count	2,529,000	
GERM	—	TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	96	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.
								21.3	4.7

X-Ray Results

80 + cut % 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: .004 gms
Wt of Impurities:	Wt. of Clean Seed .09 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) .094 gms
• Inerts .004 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 96\%$
• Weeds _____ gms	
• Noxious _____ gms	

some bug damage + some seed coats (empty I think)

SEEDS PER POUND

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

.018 .018
TOTAL of ALL Reps: _____
Average: _____

** 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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = $\frac{-18}{2,520,000}$ = 1000 seed wt.
Seeds per Pound = 2,520,000

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.			.025

beg bal .025
WRPIS - .006 # ~10,000
New bal .019

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5-4-10	1305		226-test	AC
		1350	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____