

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: ASBI2

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend, OR

Date(s) Collected (DD/MM/YY): 30/07/09

Seed Collection Reference Number: WY930-13

Collector(s): Emiliano Lopez, Morgan Allen, Mel Schroeder

Country: USA

Ecoregion (T,Q,B):

Southern Rockies  
(21)

State: WY

County: Albany

Location Details:

Medicine Bow National Forest; off Happy Jack Rd.; 0.75 mi. up dirt road 700  
(Vedauwoo Glen Rd.); both sides of road.

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

41° 11' 21.262" N

GPS Used?:

 Yes  No

If no, please see other side.

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

105° 18' 08.631" W

GPS Datum:

 NAD83  NAD27  WGS84  Other:

Elevation (feet):

~7800

Landowner Details (Permission?):

USFS, yes

## 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,  
Artemisia frigid, Hesperostipa comata, Potentilla hippiana var. effusa

Modifying Factors:

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

Land Form:

Gentle hills

Slope°:

0-5

Land Use:

Grazing, recreation

Aspect:

N NE E SE S SW W NW

Geology:

Soil Texture:

Clay Silt Sand Other: loam

Soil Color:

5YR 4/4

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

Family:

Fabaceae

No. of Plants Sampled (min. 50):

2000

Genus:

Astragalus

No. of Plants Found (approx.):

10000

Species:

bisulcatus

Area Sampled (acres):

10

Subspecies/Variety:

Seeds Collected From:

*Plants* *Ground* Both

Plant Habit:

*Tree* *Shrub* Forb *Succulent* *Grass/Grasslike*

Plant Height (feet):

.75

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

reclamation

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

Common Name(s) of Plants:

twogrooved milkvetch

Photograph Taken:

Digital 35mmReference  
(PLANTS Code Coll.  
Number Pic. No.):asbi2\_WY930  
13\_1,2&3

Where Image will be Filed:

WY930 plant tech  
folder

8/5/09

2 gro

2.398

- 300

20098#

# Seed Test/Packaging Record

**SOS-WY930-13**

ASBI2-SOS-WY930-13-09  
 Astragalus bisulcatus  
 twogrooved milkvetch  
 BLMS 2.09 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 3-10-10 AC
OSU Sample Taken	# of pounds 0.29g	
Sample Sent	Y/N Y	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	91%	REMARKS ENTERED
Moisture Content	5.8%	
Seed Count	315,000	
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.
								26.5	5.8

## X-Ray Results

91 % 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: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 98} \%$
• 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).

.140    .147

TOTAL of ALL Reps: \_\_\_\_\_

Average: \_\_\_\_\_

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 =  $1.44 = 1000$  seed wt.  
 Seeds per Pound = 315,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.101</u>

beg bal - 101  
 WRPIS - .037 10,000  
 New bal - 064

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-10-10	1300		226-test	AC
		1335	2270-pkg	AC

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

POSTED TO: Lot Completion Logbook  Computer NMIS