

SEEDS



OF SUCCESS **bend**

MSB Serial Number: \_\_\_\_\_

NCRS PLANTS Code: \_\_\_\_\_

Storage Facility: bend

Date Collected: 25 OCT 2007

Seed Collection Reference Number: NV030-206

Collector(s): D. Tonenna and N. Budde

**ASTERACEAE**

*Solidago missouriensis*

SOMI2

Rec 11/20/07  
FEDEX

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Churchill County

City/Town/Park: Jobe Peak Wilderness Study Area  
Mnts.

Geographic Area: Stillwater

Location Details: 41 miles NE of junction of highway 50 and State Route 116, take a very faint dirt road eastward towards the Stillwater Mnts. road will end about 0.5 miles west of the mountains.

Lat. (dg/min/sec): 39° 49' 12" N Long. (dg/min/sec): 118° 13' 2" W

GPS: NAD83

Landowner Details (Permission): blm

Altitude: 5000 FT

Associated Species: *Poa secunda*, *Chaetadelpa wheeleri*, *Gutierrezia sarothrae*, *Artemisia tridentata*, *Chrysothamnus viscidiflorus ssp. viscidiflorus*, *Apocynum cannabinum*, *Oenothera villosa*

Habitat: riparian, #

Modifying Factors: periodic flooding

Land Form: canyon

Aspect: N,S,W

Land Use: mining ,recreation

Slope: 5%

Geology: mountain composed of metamorphic

Soil: sand gravel and grey/brown clay

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 8000

Area Sampled: 5 A

Seeds Collected From: seed - many individuals, plant

Description: large colonies found in wet areas along stream

Common Name(s): missouri goldenrod

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

Identification

D. Tonenna and N. Budde - BLM,in field,10/25/2007

Herbarium Vouchers

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

paper  
1 candy  
.428  
.018  
0.410

# Seed Test/Packaging Record

**SOSNV-03007-08**

SOMI2-SOSNV-030-206-07  
Solidago missouriensis  
Missouri goldenrod  
BLMS .41 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	4/16/08
OSU Sample Taken	# of pounds	
	0.049	
Sample Sent	Y/N	

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

100 Seed X-ray	<u>86%</u>	REMARKS 
Moisture Content		
Seed Count	<u>2,061,818</u>	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>97.8%</u> or NOXIOUS WEED only ___		

## MOISTURE CONTENT (use one of two methods below)

**Dole Meter**			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

## X-Ray Results

<u>86</u> % Filled	<u>99</u>
	<u>-13</u>
Results from	
<u>99</u> Seed X-Ray	

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>0.016</u> gms
Wt. of Impurities:	Wt. of Clean Seed <u>0.696</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>0.712</u> gms
• Inerts <u>0.016</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{97.8} \%$
• Weeds _____ gms	
• Noxious _____ gms	<u>0.652</u> <u>0.044</u> <u>0.696</u>
	<u>stem/chaff/larve</u>

## SEEDS PER POUND

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

0.022 0.022 \_\_\_\_\_  
TOTAL of ALL Reps: 0.110  
Average: 0.022

\*\* 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 = 0.220 = 1000 seed wt.  
Seeds per Pound = 2,061,818

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.040#</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>0.040 #</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>4/16/08</u>	<u>1340</u>	<u>1530</u>	226-test	<u>LAD</u>
			2270-pkg	<u>LAD</u>

<u>✓done</u>	ID card file sample
<u>4/16/08</u>	Regional Office ID file

POSTED TO: Lot Completion Logbook Training ✓done Computer NMIS \_\_\_\_\_