

SEEDS



OF SUCCESS

Bend

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

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

Storage Facility: Bend

Date Collected: 18 JUL 2007

Seed Collection Reference Number: NV030-135

Collector(s): S. Kulpa, D. Cock, S. Choi, N. Bude

FABACEAE

*Astragalus canadensis* var. *brevidens*

Rec  
8/3/07 med  
10 paper

ASCAB

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Lyon

City/Town/Park: #

Geographic Area: #

Location Details: Meadow area in Churchill canyon alot. SMith valley off of sunrise canyon rd.

Lat. (dg/min/sec): #° #' #' # Long. (dg/min/sec): #° #' #' #

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1707 FT

Associated Species: *Iris missouriensis*, *Chrysothamnus sp.*, *Bromus sp.*

Habitat: Forb, #

Modifying Factors: grazed

Aspect: E

Land Form: Meadow

Slope: 5-8°

Land Use: Public land

Geology: #

Soil: clay

No. of Plants Sampled and Misc.: #

No. of Plants Found: # 2500

Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): Short tooth Canadian milkvetch

ASCAB

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

Identification

S. Kulpa, D. Cock, S. Choi, N. Bude

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes

No. of Herbarium Vouchers: #7

- 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.

# Seed Test/Packaging Record

**SOSNV-03007-01**

ASCAB-SOSNV-030-135-07  
 Astragalus canadensis  
 short tooth Canadian milkvetch  
 SNWC 3.91 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>6</u>	Date/Initials <u>2/19/08</u>
OSU Sample Taken	# of pounds	
Sample Sent	Y/N <u>Y</u>	<u>0400#</u>

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>96</u>	
Moisture Content		
Seed Count	<u>226,800</u>	
GERM <u>    </u> TZ <u>OSU</u> Strat Time: NC <u>    </u> 4C <u>    </u> 8C <u>    </u> 13C <u>    </u>		
PURITY <u>98.8</u> or NOXIOUS WEED only <u>    </u>		

## 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>96</u> % Filled
Results from <u>100</u> Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>0.55</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>4.578</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>4.433</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98.8} \%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.201 .197 \_\_\_\_\_  
 \_\_\_\_\_  
 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 = 435600

1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 2.00 = 1000 seed wt.

Seeds per Pound = 226,800

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.826</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.826</u>

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

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

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

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>2-19-08</u>	<u>0840</u>		226-test	AC
		<u>0910</u>	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_