

SEEDS



OF SUCCESS

MSB Serial Number: \_\_\_\_\_  
 NCRS PLANTS Code: ASCA11  
 Storage Facility: BEND  
 Date Collected: 23 JUL 2009  
 Seed Collection Reference Number: NV030-255  
 Collector(s): Miceli, D., Robinson, G., Koski, M.  
**FABACEAE**  
*Astragalus canadensis*

Country: United States                      Ecoregion: 11, Great Basin  
 State: Nevada                                      County: Douglas  
 City/Town/Park: #                      Geographic Area: Smith Valley  
 Location Details: Headed south on Fort Churchill to Wellington Backcountry Byway, take a right (NW) on Sunrise Pass, collection site about a 4 miles up on right side of road near meadow  
 Lat. (dg/min/sec): 39° 03' 31" N      Long. (dg/min/sec): 119° 26'36" W  
 GPS: WGS84

Landowner Details (Permission): BLM  
 Altitude: 5999 FT

Associated Species: *Juniperus osteosperma*, *Pinus monophylla*, *Tetradymia glabrata*, *Artemisia tridentata*, *Chrysothamnus linifolius*, *Achnatherum hymenoides*, *Vicia americana*

Habitat: PINYON JUNIPER SHRUB LAND, PINYON, JUNIPER, SAGE

Modifying Factors: LIVESTOCK GRAZING

Land Form: FOOTHILLS

Aspect: SE

Land Use: BEND

Slope: 3°

Geology: #

Soil: SAND, 10YR 5/3; 4/3 MOIST

No. of Plants Sampled and Misc.: 100 PLANTS SAMPLED

No. of Plants Found: < 500

Area Sampled: 5 A

Seeds Collected From: seed - many individuals, plant

Description: HEIGHT 1/2'

Common Name(s): Canadian milkvetch

Photograph (to be send electronically to SOS National Office) file name: ASCA-NV030-255-A

Identification

MICELI, D. - BLM, IN FIELD, 7-23-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 VOUCHERS TAKEN

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to \_\_\_\_\_ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to \_\_\_\_\_ herbarium that has agreed to arrange labeling, verification and distribution.

Rec 8/4  
1 g voc

1,217  
- 151  
-----  
1,066#

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

# Seed Test/Packaging Record

**SOS-NV030-255**

ASCA11-SOS-NV030-255-09  
 Astragalus canadensis  
 Canadian milkvetch  
 BLMS 1.06 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 12/14/09 AC
OSU Sample Taken	# of pounds .37g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	85%
Moisture Content	4.6%
Seed Count	246,500
REMARKS ENTERED	
GERM	— TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	~99% 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.
						—	68	21.0	4.6

X-Ray Results
85 % 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: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• 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). .186 .181 _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____ 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 = $\frac{1.84}{2} = 1000$ seed wt. Seeds per Pound = $\frac{246,500}{1000}$

FINAL PACKAGING for Seed Storage/Transfer			
Bag # 1	Bag Wt. .058	Bag #	Bag Wt.
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.058

beginning balance .058  
 WRPIS 12,000 - .049  
 NEW bal = .009

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

DATE	Start	Stop	Process	Initials
12-14-09	0835		226-test	AC
		0915	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

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