james_greer@blm.gov Tests: x-ray, moisture content, purity, seeds / pound TZ test Store at Bend

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: ASCI2

Date Collected (DD/MM/YY): 28/06/05 **Seed Collection Reference Number:** ID-320-083

Collector(s): BRUCE HALL, JOHN THOMAS

Country: USA **Ecoregion:** COLUMBIA PLATEAU **State:** IDAHO County: ONEIDA

Location Details: SOUTHWEST OF HOLBROOK, NORTH OF STONE HILLS

Lat. (dg/min/sec): N 42° 04' 53" GPS Used?: [Yes] No If no, please see other side.

Long. (dg/min/sec): W 112° 47' 43" GPS Datum: [NAD83] NAD27 WGS84 Other:

Elevation (feet): 5214 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: JUNIPERUS OSTEOSPERMA, BROMUS TECTORUM, ALLIUM SP., ERIOGONUM OVALIFOLIUM,

Modifying Factors: *Mowed Burned* [Grazed] *Flooded Seeded Trampled Other:*

Land Form: HILLS Slope°: 5°

Land Use: GRAZING Aspect: *N NE E* [SE] *S SW W NW*

Geology:

Soil Texture: [Clay] *Silt Sand Other:* Soil Color: TAN

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

Family: FABACEAE **No. of Plants Sampled:** 1000

Genus: ASTRAGALUS **No. of Plants Found (approx.):** >5000

Species: CIBARIUS **Area Sampled (acres):** 10

Subspecies/Variety:

Seeds Collected From: [Plants] *Ground Both*

Plant Habit: *Tree Shrub* (Forb) *Succulent Grass/Grasslike* Plant Height (feet): 0.1'

Does the pressed specimen have the same reference as the seed collection?: [Yes] No 1 lg cloth bag

If not, enter details of collector, reference, where lodged, and date collected: 1.044# -.078 bag wt 0.966

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

Common Name(s) of Plants: BROWSE MILKVETCH ✓

Photograph Taken: [Digital] Reference: ASCI2 Where Image will be Filed: CD

SOSID - 32005-02

Seed Test/Packaging Record

SOSID-32005-02

ASCI2-SOSID-320-083-05
Astragalus cibarius
browse milkvetch
SNWC .966 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 1	Date/Initials: 12.9.05 AC
OSU Sample Taken	# of pounds: 1.2g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: 96
Moisture Content: ____
Seed Count: 75,730
GERM ____ TZ OSU Strat Time: NC ____ 4C ____ 8C ____ 13C ____
PURITY 97 or NOXIOUS WEED only ____

REMARKS: ENTERED

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

96 % Filled

Results from 100 Seed X-ray

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

Wt. Of Sample: _____ gms
Wt. Of Impurities:
* Crops ____ gms
* Inerts ____ gms
* Weeds ____ gms
* Noxious ____ gms

most is shriveled seed

Wt. Of all Impurities: .018 gms
Wt. Of Clean Seed .608 gms
TOTAL (Impurities + Clean Seeds) .626 gms
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 97 %

SEEDS PER POUND

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

.608 .590 _____

_____ _____

TOTAL of ALL Reps _____
Average .599

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600
1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 5.99 = 1000 seed wt.
Seeds per Pound = 75,730

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.227	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.227

ENTERED

Transaction Fee: ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
12.9.05	1300		226-test	AC
		1320	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ____ **NA**