Appendix 2. BLM *Seeds of Success* Field Data Form

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

Accession Date: 7/30/09

MSB Serial Number:
NRCS PLANTS Code: ASSA
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 6/30/09
Seed Collection Reference Number: UT 080-25

Collector(s): Maria Ulloa, FREY, K, WINKLER, D.

Country: USA
Ecoregion (T.O. B):
State: UT
County: Uintah

Location Details: EAST ON HWY 40 FROM VERNAL, RIGHT ON BONANZA HWY CROSS GREEN RIVER, RIGHT ON BAESER WASH RD.

~~Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):~~ 40° 14' 43.68" N
~~GPS Used?:~~ Yes No ~~If no, please see other side.~~

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 109° 27' 05.31" W
GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5053
Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: BROMUS TECTORUM, STIPA COMATA, CERATOIDES LANATA, GUTIERREZIA, OPUNTIA, BRASSICACEAE, ASTERACEAE SPP.

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

Land Form: SAGEBRUSH DESERT
Slope°: 10°

Land Use: LIVESTOCK GRAZING
Aspect: N NE E SE S SW W NW

Geology: UINITAH BASIN

Soil Texture: Clay Silt Sand Other:
Soil Color: LIGHT BROWN/BEIGE

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

Family: FABACAE
No. of Plants Sampled (min. 50): 100 100

300 ; 1471 pods
Genus: ASTRAGULUS
No. of Plants Found (approx.): >1000 >1000

20 ; 138 plants
Species: SAURINUS
Area Sampled (acres): .5 ac

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: *Tree Shrub Forb Succulent Grass/Grasslike*
Plant Height (feet): 1-1.5'

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

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

Common Name(s) of Plants: DINOSAUR MILK VETCH

Photograph Taken: Digital 35mm
Reference (PLANTS Code, Coll. Number, Pic. No.):
Where Image will be Filed:

PRIORITY

SOS-UT080-25

ASSA5-SOS-UT080-25-09
Astragalus saurinus
Dinasaur milkvetch
BLMS 2.13 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds 1.7g	
Sample Sent	Y / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 92%
Moisture Content 6.6%
Seed Count 53,170

REMARKS ENTERED

GERM ____ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 98 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.
						—	70°	33%	6.6

X-Ray Results

92 % 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

1 that looks like rice grass + others are buggy target sp.

Wt. of All Impurities: .033 gms
Wt. of Clean Seed 1.686 gms
TOTAL (Impurities + Clean Seeds) 1.719 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98 %

SEEDS PER POUND

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

.873 .813 _____
_____ _____

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 = 453600 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 8.53 = 1000 seed wt.
Seeds per Pound = 53,170

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.045	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.045

WRPIS .105# 5M PLS

0.150# Total

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
10-29-09	1225		226-test	AC
		1310	2270-pkg	AC

✓ ok	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____