BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

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

MSB Serial Number:
NRCS PLANTS Code: HEBOB ✓P
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 17/07/09-23/07/09 **Seed Collection Reference Number:** UT931-129

Collector(s): Daniel Cloward

Country: USA **Ecoregion** (T,O, B): 13 **State:** Utah County: Tooele

Location Details: SR 199 Rush Valley to Dugway. Johnson Pass Vouchers on pass but plants on both sides of road/wash to bottom of canyon.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40'20.230N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112'34.359W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 6522 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Pinion Juniper community with Pursha Mexicana, Symphoricarpos longiflora, desert grasses.

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

Land Form: Mountains Slope°: 25`

Land Use: Recreation Aspect: *N* *NE* *E* *SE* *S* *SW* ***W*** *NW*

Geology: Granite

Soil Texture: *Clay* *Silt* ***Sand*** *Other:* Soil Color: white

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

Family: Fabaceae **No. of Plants Sampled** (min. 50): 175

Genus: Hedysarum **No. of Plants Found (approx.):** 300

Species: Boreale **Area Sampled (acres):** 3

Subspecies/Variety: boreale

Seeds Collected From: *Plants* *Ground* *Both*

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 2

Native plant materials development and research this accession will be used for: RESTORATION, RESEARCH, LOMG-TERM STORAGE

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

Common Name(s) of Plants: Utah sweetvetch ✓P

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): HEBOB_UT931-129 Where Image will be Filed: RED BUTTE GARDEN

Seed Test/Packaging Record

SOS-UT931-129

HEBOB-SOS-UT931-129-09
Hedysarum boreale spp. boreale
Utah sweetvetch
BLMS 1.38 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	5-6-10 AC
OSU Sample Taken	# of pounds 1.7g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 78
Moisture Content 5.9 %
Seed Count 53,300

REMARKS
Fill % may be better w/TZ
- Lots of bug damage but wouldn't have helped to clean it up any further!!

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

PURITY 99 or NOXIOUS WEED only

ENTERED

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.
						—	—	26.9	5.9

X-Ray Results

78 % 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

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~ 99 %

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).

.855 .835 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 8.5 = 1000 seed wt.
Seeds per Pound = 53,300

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.181

beg bal .181
WRPIS ALL ~7,400
New bal 0

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5-6-10	1210		226-test	AC
		1245	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____