237
424
503
1164

237 + 424 503 pods w/3-4 per pod

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: ASDES
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 24/06/09
Seed Collection Reference Number: UT080 16

Collector(s): Dan Winkler & Katie Frey

Country: USA
Ecoregion (T,O, B): 20 Colorado Plateau
State: Utah
County: Uintah

Location Details: Head East on Hwy 40 ~ 12-13 miles past Green River. Turn R on Snake John Rd 3170. Site is 6.2 miles from 40 along slope of rocky outcrop. Near Pole #48

3170

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40° 11' 56.971" N
GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 109° 04' 05.4" W
GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 5,980.81
Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Guttierezza sarothre, sphaeralcea coccinea, Lepidium densiflorum, Artemisia nova/arbuscula, Artemisia tridentata var. wyomingensis, oryzopsis hymenoides, hedysarum

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

Land Form: Rocky ridges
Slope°: 30°

Land Use: Grazing, utility corridor
Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: on slope of rock outcrop

Soil Texture: *Clay* *Silt* *Sand* *Other:* clay/silt loam
Soil Color: light brown / beige

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

7/8/09
50
45
47
60 plants collected
200 plants

Family: FABACEAE
No. of Plants Sampled (min. 50): 150

Genus: ASTRAGALUS
No. of Plants Found (approx.): 200

Species: DETRITALUS
Area Sampled (acres): 1 acre

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike*
Plant Height (feet): 3-5 inches

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: DEBRIS MILKVETCH VP

Photograph Taken: *Digital* *35mm*
Reference (PLANTS Code_Coll. Number_Pic. No.): ASDES - UT080 16 A
Where Image will be Filed:

crested wheatgrass, Snakeweed, Phlox or related

Seed Test/Packaging Record

SOS-UT080-16

ASDE5-SOS-UT080-16-09
Astragalus detritalus
debris milkvetch
BLMS .075 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 1	Date/Initials: 5/17/10 LAD
OSU Sample Taken	# of pounds: 0.618g	
Sample Sent	Y / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 97%
Moisture Content too few
Seed Count 167,751

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.
							too few seed		

X-Ray Results

97 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: 0.352 gms
Wt of Impurities:
- Crops ____ gms
- Inerts 0.002 gms
- Weeds ____ gms
- Noxious ____ gms

Wt. of All Impurities: 0.002 gms
Wt. of Clean Seed 0.347 gms
TOTAL (Impurities + Clean Seeds) 0.349 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99.4 %

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).

0.260 0.271 0.280
0.279 0.262
TOTAL of ALL Reps: 1.352
Average: 0.270

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 = 2.704 = 1000 seed wt.
Seeds per Pound = 167,751

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.002	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.002

ENTERED

beg bal 0.002#
WRPIS 0.002# ~ 323 PLS
0

SEED TRANSFER Log Number ____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/17/10	0800	0840	226-test	LAD
			2270-pkg	

5/17/10 LAD	ID card file sample
5/17/10 LAD	Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/17/10 LAD Computer NMIS____