7000
104 p
> 12000
200

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

Accession Date: 9/25/09

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

MSB Serial Number:
NRCS PLANTS Code: LEM02
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 10/07/09
Seed Collection Reference Number: UT080-32

Collector(s): WINKLER, D FREY, K

Country: USA
Ecoregion (T,O, B): 20 COLORADO BASIN
State: UT
County: UINTAH

Location Details: WEST HWY 40 TO RT 88 TO DELICAN LAKE MAKE RIGHT AT "T" INTERSECTION TO RADELETT VIA ROUTE 2762 WEST. TURN LEFT ON RT 1552 TURN LEFT ON RT 2420. LELAND BENCH ROAD.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40° 03' 52.68" N
GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 109° 51' 54.778" W
GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 4871
Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: ARTEMESIA TRIDENTATA, GUTTERZIA, ASTANATHERUM HYMENOIDES, PLATYSCHKUHRIA INTEGRIFOLIA, PLEURAPHIS JAMESII, OPUNTIA

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

Land Form: PARRIETTE
Slope°: 10°

Land Use: EDGE OF ROAD, PIPELINE
Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: UINITAH BASIN

Soil Texture: *Clay* *Silt* *Sand* *Other:* LOAMY
Soil Color: LIGHT BROWN

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

Family: BRASSICACEAE
No. of Plants Sampled (min. 50): 300

Genus: LEPIDIUM
No. of Plants Found (approx.): 450

Species: MONTANUM
Area Sampled (acres): 1.5

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike*
Plant Height (feet): 0.5-1.5

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: MOUNTAIN PEPPERWEED, W. PEPPERGRASS

Photograph Taken: *Digital* *35mm*
Reference (PLANTS Code_Coll. Number_Pic. No.): LEM02_UT080-32-A
Where Image will be Filed:

Rec 10/7

PRIORITY

Cart D, 9

1 cloth
0.400#

Seed Test/Packaging Record

PRIORITY

SOS-UT080-32

LEMO2-SOS-UT080-32-09
Lepidium montanum
mountain pepperweed
BLMS .4 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
		12-8-09 AC
OSU Sample Taken	# of pounds	
	.19	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~80 +cut
Moisture Content too few
Seed Count 996,900

REMARKS: most seed is 'filled' but is it viable? dry/grainy inside. many are green (color).

GERM — TZ OSU Strat Time: NC___ 4C___ 8C___ 13C___

PURITY 96% 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.
						—	too	few	seed

X-Ray Results

~80 % Filled
+cut
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 .008 gms
- Weeds _____ gms
- Noxious _____ gms

most shriveled seed

Wt. of All Impurities: .008 gms
Wt. of Clean Seed .182 gms
TOTAL (Impurities + Clean Seeds) .19 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~96 %

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).

.046 .045 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = .455 = 1000 seed wt.
Seeds per Pound = 996,900

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.007	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.007

ENTERED

beg bal .007
- WRPIS - ALL ~5,300 pls
New Bal = 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-8-09	1000		226-test	AC
		1035	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____