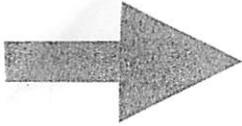


UT080-12  
21-Oct-08

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: ATC04

Cleaning Facility: Meeker

Date(s) Collected (DD/MM/YY): 7/16/08

Seed Collection Reference Number: UT080-12

Collector(s): Leanne Moss, Jessie Salix

Country: USA

Ecoregion (T,O,B): 19

State: UTAH

County: Uintah

Location Details:

Turn Right on 5500 East (out toward Jensen), turn Right on  
\*Go East on Hwy 40 Gravel Road that goes toward gravel pit. T55, R22E, S26

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40° 21' 19.5" N

GPS Used?: (Yes) No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 109° 24' 36.5" W

GPS Datum: NAD83 NAD27 (WGS84) Other:

Elevation (feet): 4812.99

Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

desert shrub community  
juniper cheat grass, greasewood -> Sarcobatus vermiculatus  
Bromus tectorum

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Loess

Slope°: 0

Land Use: Livestock grazing

Aspect: N NE E SE S SW W NW

Geology:

Soil Texture: Clay Silt (Sand) Other:

Soil Color: Gray

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

Family: Chenopodiaceae

No. of Plants Sampled (min. 50): 103

Genus: Atriplex

No. of Plants Found (approx.): 1000

Species: corrugata

Area Sampled (acres): 1

Subspecies/Variety: -

Seeds Collected From: (Plants) Ground Both

Plant Habit: Tree (Shrub) Forb Succulent Grass/Grasslike

Plant Height (feet): 0.328083

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: Mat Salt bush

Photograph Taken: (Digital) 35mm

Reference: ATC04-UT080-12  
(PLANTS Code\_Coll. Number\_Pic. No.): A(B,C)

Where Image will be Filed:

SOSUT-08008-17

ATCO4-SOSUT-080-12-08  
Atriplex corrugata  
mat saltush  
BLMS .57 P

# Seed Test/Packaging Record

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags ~1	Date/Initials
OSU Sample Taken	# of pounds 1.05g	7/18/09 AC
Sample Sent	Y/N	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	78%	REMARKS  ENTERED
Moisture Content	5.4%	
Seed Count	87,060	
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°	24.8	5.4

## 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 All Impurities: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 98\%$
• Weeds _____ gms	<i>cleaner lot + bigger seed than last lot wt ~#16.</i>
• Noxious _____ gms	

## 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).

.528 .510 \_\_\_\_\_  
 \_\_\_\_\_  
 TOTAL of ALL Reps: \_\_\_\_\_  
 Average: \_\_\_\_\_

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps =  $\frac{5.21}{2} = 1000 \text{ seed wt.}$

Seeds per Pound = 87,060

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.153		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.153

\* .151# PPMC ~10m

.304#

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4/18/09	1055		226-test	AC
		1125	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_