BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

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

MSB Serial Number:
NRCS PLANTS Code: ATTO
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 29/10/09 **Seed Collection Reference Number:** GBPMC-28

Collector(s): Cole, E. and Bennett, R.

Country: USA **Ecoregion (T,O,B):** 13-O Great Basin **State:** NV County: Churchill

Location Details: Dixie Valley Road. Drive about 5 miles N of hot springs and collection site is on both sides of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39° 51'22.4" N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 118° 00'49.5" W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3389 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Desert scrub, dominated by greasewood
Sarcobatus vermiculatus, Halogeton glomeratus, Bromus tectorum, Atriplex confertifolia, Suaeda moquinii

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

Land Form: Valley floor/edge of playa Slope°: 1°

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

Geology: Alluvial deposits

Soil Texture: ***Clay*** ***Silt*** *Sand* *Other:* Soil Color: Yellowish brown

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

Family: Chenopodiaceae **No. of Plants Sampled** (min. 50): 115

Genus: Atriplex **No. of Plants Found (approx.):** 1000

Species: torreyi **Area Sampled (acres):** 8

Subspecies/Variety:

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

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 3-4 ft

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): (same as NV030-311)

Common Name(s) of Plants: Torrey Saltbush

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ATTO_GBP MC-28_A Where Image will be Filed: GBPMC

Seed Test/Packaging Record

SOS-GBPMC-28

ATTO-SOS-GBMPC-28-09
Atriplex torreyi
Torrey's saltbush
BLMS 1.71 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 3-11-10 AC
OSU Sample Taken	# of pounds: .10g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: ~90
Moisture Content: 5.9%
Seed Count: 935,200

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.
								27.2	5.9

X-Ray Results

~90 % 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 = ~98 %

SEEDS PER POUND

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

.099 .098 _____
_____ _____
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 / 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 = .485 = 1000 seed wt.
Seeds per Pound = 935200

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.	.277

ENTERED

wait tz results before WRPIS

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-11-10	1145		226-test	AC
		1215	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____