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: ATCO
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 25/09/09 **Seed Collection Reference Number:** GBPMC-19

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

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

Location Details: Black Rock Desert, off of Soldiers Meadow Rd., first right going north after the four-way intersection. Between the dirt road and the playa

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40 ° 50'35.8" N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 119 ° 13'51.8" W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3991 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Shadscale zone
Artemisia tridentata, Artemisia nova, Sarcobatus vermiculatus, Tetradymia spinosa, Tetradymia glabrata, Chrysothamnus viscidiflorus, Psorothamnus polydenius, Bromus tectorum

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

Land Form: Valley area above playa Slope°: 5°

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

Geology: Alluvial deposits, playa desposits, shale, intrusive rocks

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

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

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

Genus: Atriplex **No. of Plants Found (approx.):** >5000

Species: confertifolia **Area Sampled (acres):** 4 acres

Subspecies/Variety:

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

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1 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):

Common Name(s) of Plants: Shadscale saltbush ✓ P

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ATCO_GBPMC-19_A Where Image will be Filed: GBPMC

SOS-GBPMC-19

ATCO-SOS-GBPMC-19-09
Atriplex confertifolia
shadscale saltbush
BLMS 2.53 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	3-30-10 AC
OSU Sample Taken	# of pounds 1.7g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~90%
Moisture Content 5.9%
Seed Count 57,700

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.
						—	—	27.3	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 = ~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).

.762 .800 _____
_____ _____

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 = 7.85 = 1000 seed wt.
Seeds per Pound = 57,700

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.	.427

beg bal
WRPIS → wait tz results
New bal

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-30-10	1050		226-test	AC
		1120	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____