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: ATCA2
Cleaning Facility: BEND

***Date(s)* Collected** (DD/MM/YY): 13/10/09 **Seed Collection Reference Number:** UT931-158

Collector(s): Daniel Cloward

Country: USA **Ecoregion** (T,O, B): 13 **State:** Utah County: Juab

Location Details: Juab co. Cherry creek south of Cherry creek rd. Reservoir and corral south though the trees

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 30 44'39.56"N GPS Used?: *Yes No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 112 26'35.33"W GPS Datum: *NAD83 NAD27 WGS84 Other*

Elevation (feet): 5115 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Pinion Juniper community to Salt Desert shrub, grasses Stipa comata, Sporabolus aroides, Astragalus sp., Sphearalceae sp., Abronia fragrans

Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled Other:* none

Land Form: Mountain to sand dunes Slope°: 5

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

Geology: sandstone

Soil Texture: *Clay Silt Sand Other:* Soil Color: tan

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

Family: Chenopodiaceae **No. of Plants Sampled** (min. 50): 100

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

Species: canescens **Area Sampled (acres):** 2

Subspecies/Variety:

Seeds Collected From: *Plants Ground Both*

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

Native plant materials development and research this accession will be used for: RESTORATION, RESEARCH, LONG-TERM STORAGE

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

Common Name(s) of Plants: Four wing salt ~~brush~~ bush 2 words ✓P

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ATCA2_UT931-158_A Where Image will be Filed: RED BUTTE GARDEN

PRE-COLLECTION CHECKLIST

SOS-UT931-158

ATCA2-SOS-UT931-158-09
Atriplex canescens
fourwing saltbush
BLMS 1.77 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	3-29-10 AC
OSU Sample Taken	# of pounds 2.87g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~90%
Moisture Content 6.2%
Seed Count 35,000

REMARKS ENTERED

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 96 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.
						—	—	30.4	6.2

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 .22 gms buggy? seed
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .22 gms
Wt. of Clean Seed 5.228 gms
TOTAL (Impurities + Clean Seeds) 5.448 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 96 %

SEEDS PER POUND

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

1.307 1.274 _____
_____ _____

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 = 12.95 = 1000 seed wt.
Seeds per Pound = 35,000

ENTERED

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.	.292

beg bal .292
WRPIS ALL ~8,800
New bal Ø

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-29-10	1020		226-test	AC
		1055	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____