BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 23 April 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: SPAI

Date Collected (DD/MM/YY): 02/10/03 **Seed Collection Reference Number:** UT030-033

Collector(s): Michael Kirkpatrick, Lindsay Hawks, Shannon Post

Country: USA **Ecoregion:** 19 **State:** UT County: Garfield

Location Details: Along the side of SH 12, about 1 mile W of Boulder, UT. T33S R4E S34 SE4 of Salt Lake Meridian.

Lat. (dg/min/sec): N 37 53 50 GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 111 26 46 GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 6446 Landowner Details (Permission?):

HABITAT DATA

Habitat & Associated Species: *Salsola* sp., *Stipa hymenoides, Oenothera pallida, Ambrosia* sp., *Bromus tectorum, Sporobolus cryptandrus, Agropyron cristatum, Sphaeralcea* sp., *Artemisia* sp.

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

Land Form: roadside Slope°: 5

Land Use: Highway right-of-way Aspect: *N* ***NE*** *E* *SE* *S* *SW* *W* *NW*

Geology: Quaternary alluvial fan deposits

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

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

Family: Poaceae **No. of Plants Sampled:** 150

Genus: *Sporobolus* **No. of Plants Found (approx.):** 3000+

Species: *airoides* **Area Sampled (acres):** 0.5

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 2-3

Does the pressed specimen have the same reference as the seed collection?: *N/A*

If not, enter details of collector, reference, where lodged, and date collected:

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

Common Name(s) of Plants: Alkali sacaton

Photograph Taken: ***Digital*** *35mm* Reference: SPAI 1-4 Where Image will be Filed: GSENM, PCA

Seed Test/Packaging Record

SOSUT-03003-17

SPAI-BLMUT-030-033-03
Sporobolus airoides
alkali sacaton
SNWC .078 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 3/23/04 AC
OSU Sample Taken	# of pounds: 0	
Sample Sent	Y / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 94 %
Moisture Content NO
Seed Count 1,680,000

REMARKS: ENTERED

GERM NO **or TZ** NO **Strat Time:** NC ___ 4C ___ 8C ___ 13C ___

PURITY 96 % **or NOXIOUS WEED only** NO

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results

94 % 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: .001 gms
Wt. Of Clean Seed .027 gms
TOTAL (Impurities + Clean Seeds) .028 **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).

.027 ---------- ---------- ----------

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TOTAL of ALL Reps .135
Average .027

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

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

2 x Total of 5 reps = .270 = 1000 seed wt.

Seeds per Pound = 1,680,000

ENTERED

Set-up Storage Fee: _____ ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.034	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.034

Seedbank Location

SEED TRANSFER

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
3/23/04	1125		226	AC
		1140	2270	AC

_____	10-20 Seeds taken for ID card file
_____	Regional Office ID file

POSTED TO: **Lot Completion Logbook** ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ___ **NA**