BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 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: HYSAP

Date Collected (DD/MM/YY): 25/04/06 **Seed Collection Reference Number:** AZ-930-0161R

Collector(s): D. B. EDWARDS & J. JOHNSON

Country: USA **Ecoregion:** SONORAN **State:** AZ County: LA PAZ

Location Details: EAST OF SWANSEA WILDERNESS. 10.5 MILES NORTH ON SWANSEA MINE ROAD FROM JUNCTION WITH SWANSEA ROAD.

Lat. (dg/min/sec): N 34° 11.688' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 113° 49.231' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 997 Landowner Details (Permission?): STATE TRUST LAND (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB, ARIZONA UPLAND. WITH PARKINSONIA MICROPHYLLA, PROSOPIS SP., BEBBIA JUNCEA, LARREA TRIDENTATA, CYLINDROPUNTIA ACANTHOCARPA, ECHINOCEREUS ENGELMANNII, LYCIUM ANDERSONII, ENCELIA FARINOSA, SALVIA COLUMBARIAE.

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

Land Form: WASH Slope°: 0°

Land Use: RECREATION 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: ASTERACEAE **No. of Plants Sampled:** 50

Genus: HYMENOCLEA **No. of Plants Found (approx.):** 100

Species: SALSOLA **Area Sampled (acres):** 4.55

Subspecies/Variety: VAR. PENTALEPIS

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?: ***Yes*** *No*

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

Rec 5/08/06
2 gnx bags

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

1.761#
− .302
1.459

Common Name(s) of Plants: BURROBRUSH

Seed Test/Packaging Record

SOSAZ-93006-02

HYSAP-SOSAZ-930-0161R-06
Hymenoclea salsola
burrobrush
SNWC 1.46 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 12·12·06 AC
OSU Sample Taken	# of pounds: 1.08	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 70
Moisture Content —
Seed Count 107,480
GERM — TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 98 or NOXIOUS WEED only —

REMARKS: ENTERED

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

70 % 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~~ .025
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .025 gms
Wt. Of Clean Seed 1.08 gms
TOTAL (Impurities + Clean Seeds) 1.105 **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).
.409 .435 ---
--- ---
TOTAL of ALL Reps _____
Average .422

***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 = 4.22 = 1000 seed wt.
Seeds per Pound = 107,480

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.438	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.438

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
12-12-06	1205		226-test	
		1235	2270-pkg	

✓ YES	ID card file sample
_____	Regional Office ID file

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