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: SIAN2

Date Collected (DD/MM/YY): 18/05/06 **Seed Collection Reference Number:** AZ-930-0168R

Collector(s): J. JOHNSON & J. F. AQUINO

Country: USA **Ecoregion:** SONORAN **State:** AZ County: MARICOPA

Location Details: TONTO NATIONAL FOREST. FOREST ROAD 24, 1.0 MILE NORTH OF JUNCTION WITH SEARS-KAY RANCH ROAD.

Lat. (dg/min/sec): N 33° 54.161' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 111° 49.010' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3,271 Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB, ARIZONA UPLAND. WITH JUNIPERUS SP., PROSOPIS SP., POPULUS FREMONTII, PLATANUS WRIGHTII, MAHONIA SP., SPHAERALCEA SP., OPUNTIA SP., GLANDULARIA GOODDINGII, EMMENANTHE PENDULIFLORA.

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

Land Form: SPRING/WASH Slope°: 0°

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

Geology:

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

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

Family: CARYOPHYLLACEAE **No. of Plants Sampled:** 58

Genus: SILENE **No. of Plants Found (approx.):** 300

Species: ANTIRRHINA **Area Sampled (acres):** 3

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 1'-2'

Does the pressed specimen have the same reference as the seed collection?: ***Yes*** *No* 1 env

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

0.080
-.025
.055#

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

Common Name(s) of Plants: SLEEPY SILENE

Seed Test/Packaging Record

SOSAZ-93006-06

SIAN2-SOSAZ-930-0168R-06
Silene antirrhina
sleepy silene
SNWC .055 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 1	Date/Initials: 2-5-07 AC
OSU Sample Taken	# of pounds: .039g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

		REMARKS
100 Seed X-ray	90%	ENTER
Moisture Content		
Seed Count	3,024,000	

GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY ~98 or NOXIOUS WEED only ___

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

90% Filled

10 Results from ~~100~~ Seed ~~X-ray~~ Cut

cannot tell by x-ray. cut seed look good.

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).

.014 | .016 | ---
--- | ---

TOTAL of ALL Reps _____
Average .015

***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 = .15 = 1000 seed wt.

Seeds per Pound = 3,024,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.031	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.031

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2-5-07	1020		226-test	AC
		1050	2270-pkg	AC

have	ID card file sample
_____	Regional Office ID file

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