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: CEAR12

Date Collected (DD/MM/YY): 21/08/06 **Seed Collection Reference Number:** AZ-930-0184R

Collector(s): J. JOHNSON AND J. AQUINO

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

Location Details: AGUA FRIA NATIONAL MONUMENT. BADGER SPRINGS TRAIL, TO AGUA FRIA RIVER.

Lat. (dg/min/sec): N 34° 13.484' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 112° 05.728' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3,019 Landowner Details (Permission?): BLM (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB, ARIZONA UPLAND. WITH PROSOPIS SP., SALIX GOODDINGII, TAMARIX SP., BACCHARIS SALICIFOLIA, BACCHARIS SAROTHRIODES, XANTHIUM SP., GUTIERREZIA SP., MUHLENBERGIA SP.

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: LIGHT TAN

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

Family: GENTIANACEAE **No. of Plants Sampled:** 125

Genus: CENTAURIUM **No. of Plants Found (approx.):** 250

Species: ARIZONICUM **Area Sampled (acres):** 1

Subspecies/Variety:

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

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

Does the pressed specimen have the same reference as the seed collection?: ***Yes*** *No* Rec 9/18/06

If not, enter details of collector, reference, where lodged, and date collected: 1 manila envelop! — 0.060#

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

Common Name(s) of Plants: ARIZONA CENTAURY

Seed Test/Packaging Record

SOSAZ-93006-17
CEAR12-SOSAZ-930-0184R-06
Centaurium arizonicum
Arizona centaury
SNWC .06 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	2·20·07 AC
OSU Sample Taken	# of pounds	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed ~~X-ray~~ cut	90%	ENTERED
Moisture Content		
Seed Count	45,360,000	

GERM ___ TZ OSU 100+ seeds only Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY ~90% 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

Results from 10 ~~3~~ Seed ~~X-ray~~ cut

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 = ~90+ %

SEEDS PER POUND

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

.001 ---------- ---------- ----------

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TOTAL of ALL Reps _____
Average _____

***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 = .01 = 1000 seed wt.
Seeds per Pound = 45,360,000

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.005	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.005

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2·20·07	1100		226-test	AC
		1130	2270-pkg	AC

yes ✓	ID card file sample
	Regional Office ID file

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