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: PLCA5

Date Collected (DD/MM/YY): 04/05/05 **Seed Collection Reference Number:** AZ-930-0065R

Collector(s): S. HUNKINS, J. JOHNSON, J. HELM

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

Location Details: CASTLE HOT SPRINGS ROAD. 7.7 MILES FROM JUNCTION WITH ROUTE 74 (WEST ENTRANCE).

Lat. (dg/min/sec): N 33° 56.013' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 112° 31.428' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3,740 Landowner Details (Permission?): BLM (YES)

HABITAT DATA

Habitat & Associated Species: SONORAN DESERT SCRUB. ARIZONA UPLAND. QUERCUS TURBINELLA, PROSOPIS SP., ACACIA SP., CANOTIA HOLACANTHA, SIMMONDSIA CHINENSIS, AMSINCKIA SP., SPHAERALCEA SP., OPUNTIA SP., VIGUIERA PARISHII.

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

Land Form: HILLSIDE Slope°: 10° - 45 °

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: PAPAVERACEAE **No. of Plants Sampled:** 585

Genus: PLATYSTEMON **No. of Plants Found (approx.):** 2,000

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 0.5' - 1'

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 5/9/05 0.146 w/ mod plant wt.

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

Common Name(s) of Plants:

Photograph Taken: Digital *35mm* Reference: Where Image will be Filed:

Seed Test/Packaging Record

SOSAZ-93005-11

PLCA5-SOSAZ-930-0065R-05
Platystemon californicus
creamcups
SNWC .146 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~1	Date/Initials 12-30-05 AC
OSU Sample Taken	# of pounds 0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 79 1.!
Moisture Content
Seed Count 925,710
GERM ___ TZ ___ Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 79 % 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

79 % 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: .013 gms
Wt. Of Clean Seed .049 gms
TOTAL (Impurities + Clean Seeds) .062 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 79 %

SEEDS PER POUND

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

.049 ---------- ---------- ----------
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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 = .49 = 1000 seed wt.
Seeds per Pound = 925,710

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.097	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.097

Transaction Fee: ENTERED

Seedbank Location

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
12-30-05	1300		226-test	AC
		1330	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

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