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: ACGR ✓ 012

Date Collected (DD/MM/YY): 28/07/05 **Seed Collection Reference Number:** AZ-930-0124R

Collector(s): J. JOHNSON, H. MARSHALL, M. HABERKORN

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

Location Details: PRESCOTT NATIONAL FOREST. FOREST ROAD 574, 8.8 MILES FROM JUNCTION WITH STATE ROUTE 260.

Lat. (dg/min/sec): N 34° 27.865' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 114° 50.311' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 3601 Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: SEMIDESERT GRASSLAND. WITH JUNIPERUS SP., PINUS MONOPHYLLA, MIMOSA ACULEATICARPA V. BIUNCIFERA, GUTIERREZIA SP., OPUNTIA SP., ECHINOCEREUS SP., YUCCA ELATA, QUERCUS TURBINELLA, CUSCUTA SP., SOLANUM ELAEAGNIFOLIUM, BROMUS RUBENS

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

Land Form: VALLEY, HILLSIDE Slope°: 3° - 5°

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

Geology:

Soil Texture: *Clay* ***Silt*** ***Sand*** *Other:* Soil Color: TAN-RED

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

Family: FABACEAE **No. of Plants Sampled:** 54

Genus: ACACIA **No. of Plants Found (approx.):** 400

Species: GREGGII **Area Sampled (acres):** 10

Subspecies/Variety:

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

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 2 – 6

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

Rec 8/8/05

If not, enter details of collector, reference, where lodged, and date collected: 5 grec. in 1 Box 14.149

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

Common Name(s) of Plants:

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

-54

SOSAZ-93005-54

ACGR-SOSAZ-930-0124R-05
Acacia greggii
catclaw acacia
SNWC 13.399 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 4	Date/Initials 10-31-05 AC
OSU Sample Taken	# of pounds 0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray 95		REMARKS ENTERED
Moisture Content —		
Seed Count 2,650		
GERM ____ TZ ____	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
95 % 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: ____ 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).
17.101 17.153 ---
--- ---
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 = 171.27 = 1000 seed wt.
Seeds per Pound = 2,650

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	6.820	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	6.820

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
10-31-05	1430		226-test	AC
		1450	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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