BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: CAER
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 07/05/08 **Seed Collection Reference Number:** AZ932-51

Collector(s): SHEILA MURRAY, KRISTIN HASKINS, JOE POLICASTRO, CAROLYN PARKER, CAROLYN LARSEN

Country: USA **Ecoregion (T,O, B):** APACHE HIGHLANDS **State:** AZ County: GILA

Location Details: FOOTHILLS OF NORTHERN LAKE ROOSEVELT, OFF FR 143 (EL OSO RD)

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 33°46'54.8"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111°16'25.3"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 2800' Landowner Details (Permission?): FOREST SERVICE (YES)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: GRAVELLY FOOTHILLS, SOUTH FACING SLOPES, CALIFORNIA POPPY, LUPINUS ARIZONICUS, JOJOBA, SAGUARO, OPUNTIA

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

Land Form: HIGH SLOPE, FOOTHILLS Slope°: 35°

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

Geology: GRANITIC

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: BEIGE

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

Family: FABACEAE **No. of Plants Sampled** (min. 50): 100

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

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1'-3'

Native plant materials development and research this accession will be used for: SEEDS OF SUCCESS

1 sm. cloth bag
Rec 6/05/08

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

0.190#

Common Name(s) of Plants: FAIRY-DUSTER

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): CARE_AZ932_A-C Where Image will be Filed: ARBORETUM

Seed Test/Packaging Record

SOSAZ-93208-07

CAER-SOSAZ-932-51-08
Calliandra eriophylla
fairy duster
BLMS .19 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: ~0	Date/Initials: 12/2/08 AC
OSU Sample Taken	# of pounds: 4.6g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 92%
Moisture Content 6.2%
Seed Count 19,600

REMARKS

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 99% or NOXIOUS WEED only ____

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**~~Moisture Analyzer~~** hygro		
Dial Reading	M.C.	Grams	Temp °C	RH ~~Time Used~~	% M.C.
			70°	30°	6.2%

X-Ray Results

92 % 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 = 99 %

SEEDS PER POUND

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

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

2.296 2.333 _____

TOTAL of ALL Reps: _____
Average: 2.315

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 23.15 = 1000 seed wt.
Seeds per Pound = 19,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.137	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.137

ENTERED

Transaction Fee: ~~No seed sent to PPMC~~ (needed .560#) Not Enough for PPMC!!

Seedbank Location then we later pulled .029# ~500 seed making new balance .108#

01ship09

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks
1/6/09	ups	.108	all for arboretum

ENTERED

DATE	Start	Stop	Process	Initials
12/2/08	0800		226-test	AC
		0845	2270-pkg	AC

	ID card file sample
✓	inv card Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____