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: FAPA

Date Collected (DD/MM/YY): 20/06/05 **Seed Collection Reference Number:** AZ-930-0096R

Collector(s): J. JOHNSON, H.MARSHALL, P. PIEDRAHITA

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

Location Details: COPPER BASIN ROAD. TUFA MINE AREA

Lat. (dg/min/sec): N 34° 25.671 ' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 112° 40.133 ' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 4140 Landowner Details (Permission?): BLM (YES)

HABITAT DATA

Habitat & Associated Species: SEMIDESERT GRASSLAND. WITH CHILOPSIS LINEARIS, TAMARIX SP., MAHONIA HAEMATOCARPA, OPUNTIA SP., ERIOGONUM SP.

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

Land Form: PLAIN Slope°: 0°

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

Geology:

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

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

Family: ROSACEAE **No. of Plants Sampled:** 60

Genus: FALLUGIA **No. of Plants Found (approx.):** 75

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

Subspecies/Variety:

- no stems or leaves, clean.
- seed heads w/ feather awn
- lots of green seed heads

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

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

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:

1 grOC

0.267
- .150
0.117 #

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

Rec 6/27

Common Name(s) of Plants: APACHE PLUME

Photograph Taken: Reference: Where Image will be Filed:

- NO ID card needed

SOSAZ-93005-30

Seed Test/Packaging Record

SOSAZ-93005-30
FAPA-SOSOR-930-0096R-05
Fallugia paradoxa
Apache plume
SNWC .117 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 18
Moisture Content
Seed Count 1,163,070

REMARKS: Green seed. why do we make the effort? see Purity

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

PURITY ~75 or NOXIOUS WEED only ___ 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

18 % 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

A guess of 75%. seed is hairy + clings to everything 'impossible' to separate

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 = ~75 %

SEEDS PER POUND

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

.039
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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 = .39 = 1000 seed wt.

Seeds per Pound = 1,163,070

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.010	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.010

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	1130		226-test	
		1155	2270-pkg	

✓	ID card file sample
	Regional Office ID file

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