BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

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

MSB Serial Number:
NRCS PLANTS Code: FAPA
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 16/06/09 **Seed Collection Reference Number:** NV040-005

Collector(s): Gust, G.

Country: USA **Ecoregion (T,O,B):** Central Basin and Range, 13 **State:** NV County: Lincoln

Location Details: South by southeast of Mail Summit, along Mail Summit Road. ~4.6mi west by northwest of intersection with HWY 318. Population along both sides of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 37°40'51.7" N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 115°16'48.1" W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 5114ft Landowner Details (Permission?): BLM Ely District

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Area burned in 2004 Mail Summit 2 Fire. Prefire-*Coleogyne ramosissima* dominated shrubland, now codominated by *Heliomeris multiflora* & *Bromus tectorum* with *Fallugia paradoxa, Sphaeralcea ambigua, Erodium cicutarium, Salsola tragus, Elymus elymoides, Sanguisorba minor, Lappula occidentalis, Machaeranthera canescens, Agropyron cristatum, Achnatherum hymenoides, Ephdera nevadensis, Argemone munita, Sisymbrium altisimum, Mentzelia albicaulis, Delphinium parishii, Ephedra viridis, Atriplex canescens, Yucca baccata*, and *Prunus fasciculata*. Ecological Site 029XY077NV

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

Land Form: Limestone Mountains Slope°: 5°

Land Use: Grazing, recreation, roadside, wildfire seeding Aspect: ***N*** *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: Limestone residuum

Soil Texture: *Clay* *Silt* *Sand* ***Other:*** *silty loam (14%clay)* Soil Color: 10YR 5/4dry 10YR 3/4moist

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

Family: Rosaceae **No. of Plants Sampled** (min. 50): 65

Genus: *Fallugia* **No. of Plants Found (approx.):** 150

Species: *paradoxa* **Area Sampled (acres):** 3 Acres

Subspecies/Variety:

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

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 4.0 ft

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

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

Common Name(s) of Plants: Apache plume

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): FAPA_NV040-005_A→J Where Image will be Filed: NV040 and ENLC

Seed Test/Packaging Record

SOS-NV040-005

FAPA-SOS-NV040-005-09
Fallugia paradoxa
Apache plume
BLMS 1.018 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	2-24-10 AC
OSU Sample Taken	# of pounds .24g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 89%
Moisture Content 6.1%
Seed Count 394,400

REMARKS ENTERED

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

PURITY 95% or NOXIOUS WEED only ____

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
						—	—	29.1	6.1

X-Ray Results

89 % 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 .018 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .018 gms
Wt. of Clean Seed .339 gms
TOTAL (Impurities + Clean Seeds) .357 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 95 %

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).

.113 .116 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = 1.15 = 1000 seed wt.
Seeds per Pound = 394,400

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.241

beg bal .241
WRPIS − .031# 10,000
New bal .210

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-24-10	1445		226-test	AC
		1530	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____