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: ARMUR
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 29/06/09 **Seed Collection Reference Number:** NV040-007

Collector(s): Gust, G. and Gelskey, J.

Country: USA **Ecoregion (T,O,B):** Mojave Basin and Range, 14 **State:** NV County: Lincoln

Location Details: Kane Springs Valley. ~4.4mi by air southwest of intersection with HWY 317 (Meadow Valley Wash Rd) on Kane Springs Valley Road. East side of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 37°17'48.4" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 114°34'55.2" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 4210Ft Landowner Details (Permission?): BLM Ely District

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Burned mixed Mojave shrubland, now dominated by *Argemone munita* with *Sisymbrium altisimum, Mentzelia albicaulis, Purshia stansburiana, Yucca baccata, Eriogonum deflexum, Coleogyne ramosissima, Artemisia tridentata, Eriogonum palmerianum, and Bromus rubens*. Ecological site 029XY077NV.

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

Land Form: Fan Remnant Slope°: 8

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

Geology: Welded tuft alluvium

Soil Texture: *Clay Silt Sand* ***Other***: *Sandy loam (9% clay)* Soil Color: 10YR 5/3dry 10YR 3/3 moist

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

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

Genus: *Argemone* **No. of Plants Found (approx.):** 1000

Species: *munita* **Area Sampled (acres):** 2

Subspecies/Variety: ssp. *rotundata*

1 grOC

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

Plant Habit: *Tree Shrub* ***Forb*** *Succulent Grass/Grasslike* Plant Height (feet): 3.5Ft

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

Re

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

Common Name(s) of Plants: Flatbud pricklypoppy

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ARMUR_NV040-007_A→J Where Image will be Filed: NV040 and ENLC

Ann pulled ~~this~~ seed lot paperwork incorrectly. So I moved to correct lot

Seed Test/Packaging Record

SOS-NV040-007

ARMUR-SOS-NV040-007-09
Argemone munita spp. rotundata
flatbud pricklypoppy
BLMS 1.89 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
		2/23/10
OSU Sample Taken	# of pounds	
	.69	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

		REMARKS
100 Seed X-ray	95%	
Moisture Content	5.3%	
Seed Count	154,800	

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

PURITY 99%, 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.
								24.2	5.3%

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 = 99 %

SEEDS PER POUND

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

.297 .288 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

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 = 2.93 = 1000 seed wt.
Seeds per Pound = 154,800

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.	

bag tare .959
WRPIS - .070 (10 M)
New bag .889#

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2/23/10	1235		226-test	AC
		1335	2270-pkg	AC

LAO 5/24/10 ✓ ID card file sample

✓ Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____