

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: BEND

Date Collected: 21 AUG 2009

Seed Collection Reference Number: NV030-272

Collector(s): Miceli, D; Mccoy-Sulentic, M

PAPAVERACEAE

Argemone munita

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Washoe

City/Town/Park:

Geographic Area: Jumbo Allotment

Location Details: Take 395 N and take the dirt road to the right after passing Washoe City, then take the first immediate left and go for a few miles, the plants would be alongside the roads

Lat. (dg/min/sec): 39° 19' 34.5" N Long. (dg/min/sec): 119° 45' 13.1" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1717 M

Associated Species: *Ephedra viridis*, *Eriogonum elatum*, *Lygodesmia spinosa*, *Elymus elymoides*, *Eriogonum baileyi*, *Gayophytum sp.*, *Ribes sp.*, *Chrysothamnus viscidiflorus*, *Hesperostipa comata*, *Tetradymia glabrata*, *Lupinus sp.*, *Achnatherum hymenoides*

Habitat: low shrubland, small shrubs and grasses

Modifying Factors: None

Land Form: foothills

Aspect: 12 N

Land Use: grazing

Slope: 5°

Geology: Rhyolite and Andesite

Soil: sandy loam, 10YR 4/3; 2.5Y 3/3 moist

No. of Plants Sampled and Misc.: 250 plants sampled

No. of Plants Found: ca 5000

Area Sampled: 25 #

Seeds Collected From: seed - many individuals, plant

Description: ca 1-2ft tall prickly leaves and buds, leaves dissected, white flw with crinkely petals

Common Name(s): prickly poppy

Photograph (to be send electronically to SOS National Office) file name:

ARMU-NV030-272-A, ARMU-NV030-272-B, ARMU-NV030-272-C

Identification

Rivas, C - BLM, In field, 8/21/09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 vouchers

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

9/2

2groz

1,957

- 300

1657

SOS-NV030-272

ARMU-SOS-NV030-272-09
Argemone munita
flatbud prickly poppy
BLMS 1.65 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12/17/09 AC
OSU Sample Taken	# of pounds	
	.77g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	98%	beautiful seed esp under microscope
Moisture Content	6.2%	
Seed Count	119,360	
GERM	— TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	99%	or NOXIOUS WEED only

ENTERED

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.
							71	29.9	6.2

X-Ray Results
98 % Filled
Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99</u> %
• Weeds _____ gms	
• Noxious _____ gms	

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).	
<u>.382</u> <u>.377</u>	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{453.6 \text{ grams} = 1 \text{ pound}}$
Average: _____	1000 seed wt.
	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{3.80}{1000} =$ 1000 seed wt.
	Seeds per Pound = <u>119,360</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.652		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.652

beg bal - .652
WRPIS 10,000 - .087

New Bal .565

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-17-09	0940		226-test	AC
		1025	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS