

SEEDS



OF SUCCESS

MSB Serial Number: \_\_\_\_\_  
NCRS PLANTS Code: PEPAP3  
Storage Facility: Bend  
Date Collected: 06 OCT 2009  
Seed Collection Reference Number: NV030-289  
Collector(s): Robinson, A., Koski, M., Maussert-Mooney, C.  
**UNKNOWN**  
Name to be created in Washington office

Country: United States                      Ecoregion: 11, Great Basin  
State: Nevada                                      County: Lyon  
City/Town/Park: #                      Geographic Area: Churchill Canyon  
Location Details: From Silver Springs Drive south on Alt 95. Turn right on dirt road that lead into Churchill Canyon after approximately 30 miles. After Go 1/2 a mile turn left and go over railroad tracks. Turn right at the power lines follow dirt road for approximately 1  
Lat. (dg/min/sec): 39° 09' 21" N      Long. (dg/min/sec): 119° 15'02" W  
GPS: NAD83

Landowner Details (Permission): BLM  
Altitude: 1324 M  
Associated Species: *Chamaesyce serpyllifolia* ssp. *serpyllifolia*, *Salsola kali*, *Eriophyllum* sp., *Sarcobatus vermiculatus*, *Bromus tectorum*  
Habitat: Desert foothills, Desert Scrub

Modifying Factors: None  
Land Form: Foothills                                      Aspect: All  
Land Use: Recreation, Cattle Grazing                      Slope: 11°  
Geology: Alluvium and Mass Wasting  
Soil: Sand, 7.5YR 6/3; 5/3 moist  
No. of Plants Sampled and Misc.: 300 plants collected  
No. of Plants Found: ca 800

Area Sampled: 3 A  
Seeds Collected From: seed - many individuals, ground & plant

Description: 0.5' tall aster  
Common Name(s): # many bristle chinchweed

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

Koski, M. - BLM, In Office, 10/5/09

#### Herbarium Vouchers

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

No. of Herbarium Vouchers: Four Vouchers Taken

- 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.

# Seed Test/Packaging Record

**PRIORITY**

**SOS-NV030-289**

PEPAP3-SOS-NV030-289-09  
 Pectis papposa var. papposa  
 manybristle chinchweed  
 BLMS .39 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-5-10 AC
OSU Sample Taken	# of pounds	
	.03g	
Sample Sent	Y/N	
	(Y)	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	~ 75%	REMARKS
Moisture Content	5.9	
Seed Count	3,240,000	
GERM	TZOSu	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	93%	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.
							~70°	27.8	5.9

## X-Ray Results

75 % Filled  
 + cut seed  
 Results from  
 100 Seed X-Ray

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: .006 gms
Wt of Impurities:	Wt. of Clean Seed .084 gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) .090 gms</b>
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 93\%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.013   .014

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 =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.  
 2 x Total of 5 reps = .14 = 1000 seed wt.  
 Seeds per Pound = 3,240,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag # 1	Bag Wt. .005	Bag #	Bag Wt.
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.005

beg. bal .005#  
 WRPIS ALL (~10,000 PLS)  
 Newbal. 0

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

DATE	Start	Stop	Process	Initials
1-5-10	1025		226-test	AC
		1110	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS

**Nita** - this lot we returned .015# to owner. - seed that would not separate from trash. - thus not included in balance !!