

SEEDS



OF SUCCESS

MSB Serial Number: \_\_\_\_\_  
NCRS PLANTS Code: \_\_\_\_\_  
Storage Facility: Bend  
Date Collected: 29 OCT 2009  
Seed Collection Reference Number: NV030-310  
Collector(s): #  
**CHENOPODIACEAE**  
*Suaeda moquinii*

Mojave  
Seablite

Country: United States                      Ecoregion: 11, Great Basin  
State: Nevada                                      County: Churchill  
City/Town/Park: #                      Geographic Area: Dixie Valley  
Location Details: Heading East on 50, take right into Dixie Valley on Dixie Valley Road. Drive about 3 miles past hot springs and collection site is on both sides of road.  
Lat. (dg/min/sec): 39° 48' 50.701" N                      Long. (dg/min/sec): 118° 01' 40.651" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1054 M

Associated Species: *Sarcobatus vermiculatus*, *Halogeton glomeratus*, *Bromus tectorum*, *Atriplex confertifolia*

Habitat: Desert Scrub, Greasewood dominated

Modifying Factors: #

Land Form: Valley

Aspect: 96

Land Use: #

Slope: 1°

Geology: Alluvium and Mass Wasting

Soil: 10YR 7/2 dry; 10YR 5/2 wet

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 1000

Area Sampled: 50 A

Seeds Collected From: seed - many individuals, plant

Description: low diffuse shrub with alternate succulent leaves turning dark red/brown when senescent

Common Name(s): #

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

SUMO-NV030-310-A, SUMO-NV030-310-B, SUMO-NV030-310-C

Identification

Tonnena, D-BLM, In Field, 10-29-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 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-NV030-310**

SUMO-SOS-NV030-310-09

Suaeda moquinii

Mojave seablite

BLMS

3.28 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	5	1-26-2010
OSU Sample Taken	# of pounds	
	.098g	AC
Sample Sent	Y/N	
	Y	

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

100 Seed X-ray	~ 15%	REMARKS - may be a bust! wait for tz results before WRPIS etc
Moisture Content	6.0%	
Seed Count	986,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	73%	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°	27.6	6.0

## X-Ray Results

~ 15 % 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: <u>.187</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.495</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>.682</u> gms
• Inerts <u>.187</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{73} \%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.045 .047  
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 =  $\frac{.46}{.045} = 1000 \text{ seed wt.}$   
Seeds per Pound = 986,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>-173</u>

beg bal -173  
WRPIS wait for Tz  
New bal -173

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-26-2010	1020		226-test	AC
		1100	2270-pkg	AC

ok  
ID card file sample  
Inventory Card Completed

POSTED TO: Lot Completion Logbook \_\_\_\_\_ Computer NMIS \_\_\_\_\_