

SOSNV 03007-05

SEEDS



OF SUCCESS

bend

MSB Serial Number: \_\_\_\_\_

NCRS PLANTS Code: ATTO

Storage Facility: bend

Date Collected: 10 OCT 2007

Seed Collection Reference Number: NV030-167 ← ~~Tags say 168~~

Collector(s): D. Tonenna, A. Forney and N. Budde

**CHENOPODIACEAE**

**Atriplex torreyi**

ATTO Torrey's saltbush AT

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Churchill

City/Town/Park: #

Geographic Area: Dixie Valley

Location Details: in dixie valley, 43 miles north of highway 50 and dixie valley road

Lat. (dg/min/sec): 39° 51' #'' N

Long. (dg/min/sec): 118° 00'00'' W

GPS: NAD83

Landowner Details (Permission): blm

Altitude: 3400 FT

Associated Species: *Sarcobatus vermiculatus*, *Atriplex confertifolia*, *Chrysothamnus viscidiflorus*, *Lygodesmia spinosa*, *Suaeda moquinii*

Habitat: high desert shrubland, many ageclasses represented

Modifying Factors: #

Land Form: base of foothills and flats

Aspect: n

Land Use: grazing, recreation

Slope: 4 %

Geology: alluvial fan

Soil: brown/grey dry clay

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 1000

Area Sampled: 4 K

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): quail bush

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

Identification

d. tonenna, a. forney and n. budde - blm, in field, 10-10-2007

Herbarium Vouchers

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

No. of Herbarium Vouchers: #

- a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- b. One duplicate will be sent to \_\_\_\_\_ herbarium for verification, other

Rec 10/25/07  
 2 paper bags  
 16747#

- w/wrong paperwork  
 168 instead of 167  
 on 10/25  
 received lot 168 with this paper

1.897  
 - 0150 ≥ bags  
 1.747

SOSNV-03007-06

Seed Test/Packaging Record

ATTO-SOSNV-030-167-07  
Atriplex torreyi  
Torrey's saltbush  
BLMS 1.745 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>~2</u>	Date/Initials <u>3/27/08</u> <u>AC</u>
OSU Sample Taken	# of pounds <u>.038</u>	
Sample Sent	<u>Y</u> /N	

Test Results: Both in-house and/or OSU

100 Seed X-ray Moisture Content Seed Count	<u>70%</u> <del>193,600</del> <u>493,600</u>	REMARKS <u>ENTERED</u>
GERM	<u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>	
PURITY	<u>~99</u> or NOXIOUS WEED only <u>—</u>	

MOISTURE CONTENT (use one of two methods below)

\*\*Dole Meter\*\*

\*\*Moisture Analyzer\*\*

Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-Ray Results

70 % 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 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 =  $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 99} \%$

SEEDS PER POUND

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

.038 .038  
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 =  $\frac{453600}{1000}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps =  $2 \times .038 = .076$  = 1000 seed wt.  
Seeds per Pound = 493,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.296</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.296</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3/27/08</u>	<u>1125</u>		226-test	<u>AC</u>
		<u>1200</u>	2270-pkg	<u>AC</u>

got it  
ID card file sample  
Regional Office ID file

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