

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: Bend

Date Collected: 23 OCT 2009

Seed Collection Reference Number: NV030-306

Collector(s): A. Robinson, M. Koski, M. McCoy-Silentic

CHENOPODIACEAE

Atriplex torreyi

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Washoe

City/Town/Park: Wadsworth

Geographic Area: Near Truckee River

Location Details: Take James Ranch Road in Hawthorne, NV to the end. Park at residence and request permission. Walk downhill approx. 50 meters to collection site.

Lat. (dg/min/sec): 39° 39' 4.186" N Long. (dg/min/sec): 119° 17' 2.289" W

GPS: NAD83

Landowner Details (Permission): Private

Altitude: 4014 FT

Associated Species: *Populus fremontii*, *Mentzelia laevicaulis*, *Lepidium sp.*, *Eriogonum nidularium*, *Salix sp.*, *Verbascum thapsis*, *Salsola kali*, *Eriastrum sp.*, *Chrysothamnus viscidiflorus*, *Rumex sp.*, *Lythrum salicaria*, *Artemisia tridentata*, *Artemisia ludoviciana*

Habitat: riparian-xeric transition zone, #

Modifying Factors: Flood Plan

Land Form: floodplain

Aspect: 282

Land Use: Private

Slope: 1°

Geology: #

Soil: Sand

No. of Plants Sampled and Misc.: 40 plants sampled

No. of Plants Found: ca 50

Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant

Description: Height 5-6

Common Name(s): #

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

Identification

Tonenna D. - BLM, In Field, 10/23/09

Herbarium Vouchers

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

No. of Herbarium Vouchers: Four Vouchers Taken

- 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 duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

PRIORITY

SOS-NV030-306

Seed Test/Packaging Record

ATTO-SOS-NV030-306-09
Atriplex torreyi
Torrey's saltbush
BLMS 2.14 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 1-14-2010 AC
OSU Sample Taken	# of pounds .104g	
Sample Sent	(Y/N)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	89.1	ENTERED
Moisture Content	6.01	
Seed Count	986,000	
GERM ___ TZOSu Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY 92.8% 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.
							71	28.7	6.0

X-Ray Results
89 % 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: .033 gms
Wt of Impurities:	Wt. of Clean Seed .427 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) .46 gms
• Inerts .033 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 92.8\%$
• 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). .046 .046	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____ 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 = .46 = 1000 seed wt. Seeds per Pound = 986,000

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.460		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.460

beg bal .460
WRPIS - .014 ~ 10,000
New bal = .446

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

DATE	Start	Stop	Process	Initials
1-14-10	1030		226-test	AC
		1115	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____