

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: _____
Storage Facility: Bend
Date Collected: 29 OCT 2009
Seed Collection Reference Number: NV030-311
Collector(s): #
CHENOPODIACEAE
Atriplex torreyi

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 5 miles past hot springs and collection site is on both sides of road.
Lat. (dg/min/sec): 39° 51' 22" N Long. (dg/min/sec): 118° 00' 49" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 1023 M
Associated Species: *Sarcobatus vermiculatus*, *Halogeton glomeratus*, *Bromus tectorum*, *Atriplex confertifolia*, *Suaeda moquinii*
Habitat: Desert Scrub, Greasewood dominated
Modifying Factors: #
Land Form: Valley Aspect: 76
Land Use: # Slope: 1°
Geology: Alluvium and Mass Wasting
Soil: 10YR 7/2 dry; 10YR 5/2 wet
No. of Plants Sampled and Misc.: 300 plants sampled
No. of Plants Found: ca 1000
Area Sampled: 50 A
Seeds Collected From: seed - many individuals, plant
Description: Height 3-4
Common Name(s): #
Photograph (to be send electronically to SOS National Office) file name:
ATTO-NV030-311-A, ATTO-NV030-311-B, ATTO-NV030-311-C
Identification
Tonenna, 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
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-NV030-311

Seed Test/Packaging Record

ATTO-SOS-NV030-311-09
Atriplex torreyi
Torrey's saltbush
BLMS 8.79 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-12-2010
OSU Sample Taken	# of pounds	AC
	1.65g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>88.1</u>	REMARKS <i>Some seed have 'coat' some dont. (stripped). -typical for this species.</i>
Moisture Content	<u>6.9%</u>	
Seed Count	<u>768,800</u>	
GERM	<u>—</u> TZ <u>OSU</u> Strat Time: <u>NC</u> <u>ENTERED</u> <u>4C</u> <u>8C</u> <u>13C</u>	
PURITY	<u>95%</u> or NOXIOUS WEED only <u>—</u>	

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.
								34.7	6.9

X-Ray Results

88 % 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>.117</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.178</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>2.295</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{95} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.065 .057 .055

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 = .59 = 1000 seed wt.
Seeds per Pound = 768,800

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>1.661</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>1.661</u>

beg. bal 1.661
WRPIS — .017 ^{10,000}
New bal = 1.644

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>1-12-10</u>	<u>1410</u>		226-test	<u>AC</u>
		<u>1455</u>	2270-pkg	<u>AC</u>

ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS _____