



MSB Serial Number: _____
NCRS PLANTS Code: _____
Storage Facility: Bend
Date Collected: 29 OCT 2009
Seed Collection Reference Number: NV030-309
Collector(s): #
CHENOPODIACEAE
Atriplex confertifolia

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*, *Suaeda moquinii*, *Bromus tectorum*

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.: some *A. confertifolia* collected on cryptobiotic soil

No. of Plants Found: ca 2500

Area Sampled: 80 A

Seeds Collected From: seed - many individuals, plant

Description: Low shrub with small grey-green leaves. Bearing two-winged fruits at the ends of branches.

Common Name(s): #

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

ATCO-NV030-309-A, ATCO-NV030-309-B, ATCO-NV030-309-C

Identification

Dean Tonenna, 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-NV030-309

ATCO-SOS-NV030-309-09

Atriplex confertifolia

shadscale saltbush

BLMS

14.51 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-8-10
OSU Sample Taken	# of pounds	AC
	1.3g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>~85</u>	REMARKS good job cleaning out the sticks!! impurities are mostly questionable seed same size as good seed.
Moisture Content	<u>6.27</u>	
Seed Count	<u>14,600</u>	
GERM	<u>—</u>	TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>
PURITY	<u>97</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.
							68	29.4	6.2

X-Ray Results

85 % 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>.123</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>4.41</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>4.533</u> gms
• Inerts <u>.123</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{97} \%$
• 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).

.659 .568 .596

TOTAL of ALL Reps: _____

Average: _____

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 = 6.08 = 1000 seed wt.

Seeds per Pound = 14,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.544</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.544</u>

beg. bal
WPPIS
New bal

.544
- .164 - 10,000
= .380

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>1-8-10</u>	<u>0810</u>		226-test	<u>AC</u>
		<u>0855</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS