

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: atca2
Storage Facility: Bend
Date Collected: 06 OCT 2009
Seed Collection Reference Number: NV030-291
Collector(s): Mausert-Mooney, C., Robinson, G., Koski, M.
CHENOPODIACEAE

Atriplex canescens

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Lyon

City/Town/Park: #

Geographic Area: Churchill Canyon

Location Details: Head south from Silver Springs on Alt 95 and drive 20 miles. Take left on dirt road leading to Churchill Canyon. Collection site about 5 miles in on right side of road in ephemeral wash near water tank.

Lat. (dg/min/sec): 39° 07' 22.124" N

Long. (dg/min/sec): 119° 19' 47.591" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1459 M

Associated Species: *Purshia tridentata*, *Eriogonum heermannii*, *Populus fremontii*, *Prunus andersonii*, *Brickellia microphylla*, *Tetradymia canescens*, *Chrysothamnus viscidiflorus*, *Salsola kali*, *Eriogonum baileyi*, *Brickellia californica*, *Asclepias sp.*, *Artemisia tridentata*, *Ephedra nevadensis*

Habitat: ephemeral wash, saltbrush

Modifying Factors: None

Land Form: Canyon

Aspect: 53

Land Use: Recreation, Cattle Grazing

Slope: 1°

Geology: Alluvium and Mass Wasting

Soil: sand 10YR 5/3 dry; 10YR 4/3 wet

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 1000

Area Sampled: 15 A

Seeds Collected From: seed - many individuals, plant

Description: Shrub 1-2 ft in height with linear-lanceolate pale green leaves. Female plants with four winged seed. Wings with toothed margin.

Common Name(s): #

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

ATTO-NV030-291-A, ATTO-NV030-291-B, ATTO-NV030-291-C

Identification

Robinson, A. & Mausert-Mooney, C. - BLM, in field, 10/6/09

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-NV030-291

ATCA2-SOS-NV030-291-09
 Atriplex canescens
 fourwing saltbush
 BLMS 7.37 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 1-7-2010 AC
OSU Sample Taken	# of pounds 2g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray Moisture Content Seed Count	+cut 90% 6.2% 49,500	REMARKS  ENTERED
GERM	— TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	97% 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	29.8	6.2%

X-Ray Results

90 % 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 All Impurities: .561 gms
Wt of Impurities:	Wt. of Clean Seed 20.086 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 20.647 gms
• Inerts 1.561 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 97\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.906 .920

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 = 9.15 = 1000 seed wt.

Seeds per Pound = 49,500

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	3.185		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			3.185

beg. bal 3.185
 WPPIS - .233# 10,000
 New bal = 2.952

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-7-10	1010		226-test	AC
		1055	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____