

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: _____
Storage Facility: Bend
Date Collected: 29 OCT 2009
Seed Collection Reference Number: NV030-312
Collector(s): #
CHENOPODIACEAE
Allenrolfea occidentalis

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*, *Atriplex torreyi*
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.: 80 plants sampled
No. of Plants Found: ca 300
Area Sampled: 50 A
Seeds Collected From: seed - many individuals, plant
Description: #
Common Name(s): #
Photograph (to be send electronically to SOS National Office) file name:
ALOC2-NV030-312-A, ALOC2-NV030-312-B, ALOC2-NV030-312-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.

Seed Test/Packaging Record

PRIORITY

SOS-NV030-312

ALOC2-SOS-NV030-312-09
 Allenrolfea occidentalis
 iodinebush
 BLMS 3.37 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 1/28/10 AC
OSU Sample Taken	# of pounds .03g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	90% ^{+cut seed}	REMARKS ENTERED
Moisture Content	6.5%	
Seed Count	3,489,000	
GERM	TZ <u>OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	95% ⁻	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.
						---	73°	332	6.5

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: .007 gms
Wt of Impurities:	Wt. of Clean Seed .14 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) .147 gms
• Inerts .007 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 95\%$
• 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).

.013 .013

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 = $\frac{.13}{1000}$ = 1000 seed wt.

Seeds per Pound = 3,489,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.069

beg bal .069
 WRPIS
 New bal - .004 * 10,000
 = .065

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-28-10	1345		226-test	AC
		1430	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS