

SEEDS



OF SUCCESS

MSB Serial Number: \_\_\_\_\_  
NCRS PLANTS Code: \_\_\_\_\_  
Storage Facility: Bend  
Date Collected: 23 OCT 2009  
Seed Collection Reference Number: NV030-305  
Collector(s): A. Robinson, M. Koski, M. McCoy-Silentic  
**ASTERACEAE**  
*Artemisia ludoviciana*

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 tridentata*

**Habitat:** riparian-xeric transition zone, #  
**Modifying Factors:** Flood Plain  
**Land Form:** floodplain                                      **Aspect:** 282  
**Land Use:** Private    **Slope:** 1°  
**Geology:** #

**Soil:** Sand  
**No. of Plants Sampled and Misc.:** 150 plants sampled  
**No. of Plants Found:** ca 500  
**Area Sampled:** 5 A  
**Seeds Collected From:** seed - many individuals, plant

**Description:** Height 1-3  
**Common Name(s):** #  
**Photograph (to be send electronically to SOS National Office) file name:** ARLU-NV030

**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-NV030-305

Seed Test/Packaging Record

ARLU-SOS-NV030-305-09

Artemisia ludoviciana

white sagebrush

BLMS

1.72 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-26-10
OSU Sample Taken	# of pounds	AC
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	80%	ENTERED
Moisture Content	6.1%	
Seed Count	2,387,300	
GERM	TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	91.6%	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	28.6	6-1

X-Ray Results
80 % 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: .03 gms
Wt of Impurities:	Wt. of Clean Seed .33 gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> .36 gms
• Inerts .03 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 91.6\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.019 .019  
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 =  $\frac{-19}{2} = 1000$  seed wt.  
Seeds per Pound =  $\frac{2,387,300}{2} = 1,193,650$

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.054		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.054

begbal .054  
WRPIS - .006 (10,000)  
Newbal = .048

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

DATE	Start	Stop	Process	Initials
1-26-10	1420		226-test	AC
		1505	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_