

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: ARLU
Storage Facility: Bend
Date Collected: 05 NOV 2009
Seed Collection Reference Number: NV030-314
Collector(s): Rivas, C; Koski, M; Mccoy-Sulentic, M
ASTERACEAE
Artemisia ludoviciana

Country: United States **Ecoregion:** 11, Great Basin
State: Nevada **County:** Washoe
City/Town/Park: # **Geographic Area:** White Horse Canyon
Location Details: From Wadsworth, NV take HWY 447 N for 3 miles. Turn left on to dirt road and follow the powerline to White Horse Canyon. Collection site starts about a quarter of a mile into the canyon.
Lat. (dg/min/sec): 39° 42' 12" N **Long. (dg/min/sec):** 119° 21' 56" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 4544 FT
Associated Species: *Eriogonum heermannii*, *Brickellia sp.*, *Iva axillaris*, *Populus fremontii*, *Salix sp.*, *Grayia spinosa*, *Artemisia tridentata*, *Verbascum thapsis*, *Vicia americana*, *Asclepias fascicularis*, *Prunus andersonii*
Habitat: ephemeral wash, varied riparian to xeric
Modifying Factors: #
Land Form: Canyon **Aspect:** E
Land Use: # **Slope:** 3°
Geology: #
Soil: 2.5YR 5/1 dry; 2.5YR 3/1 wet
No. of Plants Sampled and Misc.: ca 400
No. of Plants Found: ca 800
Area Sampled: 20 A
Seeds Collected From: seed - many individuals, plant
Description: Herbaceous sage 1-3 ft tall with blue-green cauline leaves
Common Name(s): #
Photograph (to be send electronically to SOS National Office) file name:
ARLU-NV030-314-A,ARLU-NV030-314-B,ARLU-NV030-314-C

Identification

McCoy- Sulentic, M-BLM, In Field, 11-5-09

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: 4 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.

Seed Test/Packaging Record

PRIORITY

SOS-NV030-314

ARLU-SOS-NV030-314-09
 Artemisia ludoviciana
 white sagebrush
 BLMS 2.5 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2-2-2010
OSU Sample Taken	# of pounds	AC
	.09g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray Moisture Content	93%	ENTERED
Seed Count	2,520,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	94.3%	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.
						—	72	29.8	6.2

X-Ray Results
93 % Filled
Results from 100 Seed X-Ray

3 PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: .009 gms
Wt of Impurities:	Wt. of Clean Seed .15 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) .159 gms
• Inerts .009 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 94.3\%$
• 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).	Difference between max & Min wt. _____ 10% of average _____
.018 .018	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = .18 = 1000 seed wt.
	Seeds per Pound = 2,520,000

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.			.019

beg bal
 WRPIS
 New bal
 .019
 - .005*(10,000)
 .014

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

DATE	Start	Stop	Process	Initials
2-2-10	0930		226-test	AC
		1015	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____