

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: ARTRT

Storage Facility: Bend

Date Collected: 19 NOV 2009

Seed Collection Reference Number: NV030-319

Collector(s): Koski, M; Rivas, C; Mausert-Mooney, C

ASTERACEAE

Artemisia tridentata ssp. tridentata

Country: #

Ecoregion: 11, Great Basin

State: Nevada

County: Lyon

City/Town/Park: #

Geographic Area: Churchill Valley

Location Details: Take HWY 50 to Silver Springs then take a left at ALT 95 going west, as soon as you pass Carson River look for a camp ground sign and take a right when you reach it. The habitat is located in that immediate vicinity.

Lat. (dg/min/sec): 39° 17' 11.2" N Long. (dg/min/sec): 119° 14' 20" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 4207.5 FT

Associated Species: *Populus fremontii*

Habitat: sage brush habitat, shrubs

Modifying Factors: #

Land Form: valley

Aspect: 335

Land Use: Recreation

Slope: 2°

Geology: alluvium and mass wasting

Soil: 10yr5/3; 10yr 4/2

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 1000

Area Sampled: 30 A

Seeds Collected From: #, plant

Description: #

Common Name(s): #

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

ARTRT-NV030-319-A, ARTRT-NV030-319-B, ARTRT-NV030-319-C

Identification

Rivas, C-BLM, In Field, 11-19-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 vouchers 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

SOS-NV030-319

ARTRT-SOS-NV030-319-09
 Artemisia tridentata var. tridentata
 Basin big sagebrush
 BLMS 29.5 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2-18-20
OSU Sample Taken	# of pounds	AC
	.05g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	85
Moisture Content	6.7%
Seed Count	3,061,800
REMARKS	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>	
PURITY <u>89%</u> or NOXIOUS WEED only <u> </u>	

ENTERED

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.
								33.8	6.7

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>.030</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.246</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.276</u> gms
• Inerts <u>.030</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{89} \%$
• 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 _____
<u>.020</u> <u>.022</u>	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 = <u>.22</u> = 1000 seed wt.
	Seeds per Pound = <u>3,061,800</u>

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.			<u>1.242</u>

beg bal 1.249
 WRPIS - .007[#] (10,000)
 New bal = 1.242

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

DATE	Start	Stop	Process	Initials
2-18-20	0815		226-test	AC
		0900	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS