

**SEEDS**

OF SUCCESS

MSB Serial Number: \_\_\_\_\_

NCRS PLANTS Code: \_\_\_\_\_

Storage Facility: Bend

Date Collected: 20 AUG 2009

Seed Collection Reference Number: NV030-271

Collector(s): Rivas, C., Robinson, A., Miceli, D., Mausert-Mooney, C.,  
McCoy-Sulentic, M.**ELAEAGNACEAE***Shepherdia argentea*

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Lyon

City/Town/Park: Mason Valley Wildlife Management Area

Geographic Area:

Mason Valley

**Location Details:** From Silver Spring travel south on highway Alt 95 past Wabuska. 6.5 miles past Wabuska turn left towards onto Mason Valley Wildlife Management Area. After 1.5 miles turn left onto dirt road into wildlife area. Follow main dirt road to the campground and t

**Lat. (dg/min/sec):** 39° 05' 34.56" N **Long. (dg/min/sec):** 119° 06' 49.65" W

GPS: NAD83

Landowner Details (Permission): State Land

Altitude: 1323 M

**Associated Species:** *Chrysothamnus sp.*, *Populus fremontii*, *Salsola kali*, *Adenostoma fasciculatum*

**Habitat:** Shrubland, Buffalo Berry**Modifying Factors:** None**Land Form:** Valley**Aspect:** 250, SW**Land Use:** Recreation**Slope:** 1°**Geology:** Alluvium and Mass Wasting**Soil:** Loam, 10YR 6/2; 4/2 moist**No. of Plants Sampled and Misc.:** 25 Plants Sampled**No. of Plants Found:** < 1000**Area Sampled:** 20 MI**Seeds Collected From:** seed - many individuals, plant**Description:** Tall shrub, Height: 10'**Common Name(s):** Buffalo Berry**Photograph (to be send electronically to SOS National Office) file name:**

SHAR-NV030-271-A, SHAR-NV030-271-B, SHAR-NV030-271-C

**Identification**

Miceli, D. - BLM, In Field, 8/20/09

**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.

Rez 7/4

1 paper

1.384

# Seed Test/Packaging Record

SOS-NV030-271

SHAR-SOS-NV030-271-09  
 Sherpherdia argentea  
 silver buffaloberry  
 BLMS 1.38 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12/16/2009
OSU Sample Taken	# of pounds	
	1.5g	AC
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	87%	 <b>ENTERED</b>
Moisture Content	8.7%	
Seed Count	60,480	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	98.9%	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	96	8.7

X-Ray Results
87 % 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: .016 gms
Wt of Impurities:	Wt. of Clean Seed 1.498 gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) 1.514 gms</b>
• Inerts .016 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 98.9\%$
• 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 _____
.755 .743	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 = 7.50 = 1000 seed wt.
	Seeds per Pound = 60,480

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.172		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.172

beg-bal .172  
 WRPIS - ALL ~ 8,800 PLS  
 NEW BAL = 0

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

DATE	Start	Stop	Process	Initials
12-16-09	1450		226-test	AC
		1530	2270-pkg	AC

ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS