

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: Bend

Date Collected: 22 OCT 2009

Seed Collection Reference Number: NV030-300

Collector(s): C. Rivas, M McCoy-Sulentic, C. Mausert-Mooney, D. Miceli, A.

Robinson

~~ASTERACEAE~~

~~*Chrysothamnus viscidiflorus*~~

~~QHW 18~~

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Douglas

City/Town/Park: #

Geographic Area: Churchill Canyon

Location Details: From Gardnerville travel south on 395 until you get to Holbrook Junction.

Turn east onto 208 traveling to the east. Before you get to Wellington, take a left onto the Back Country Byway. Travel north for approx. 15 miles. Take a left onto a dirt road before corral.

Follow dirt road west across the meadow for approximately 1 mile until reaching the wild rose grove and riparian area.

Lat. (dg/min/sec): 39° 02' 13.456" N

Long. (dg/min/sec): 119° 27' 01.063" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1872 M

Associated Species: *Tetradymia canescens*, *Rosa woodsii*, *Sisymbrium altissimum*, *Bromus tectorum*, *Ephedra nevadensis*, *Salix exigua*, *Lygodesmia spinosa*, *Salsola kali*, *Artemisia tridentata*, *Agropyron cristatum*, *Leymus cinereus*

Habitat: Spring, Sage scrub/ riparian

Modifying Factors: Fire

Land Form: Foothills

Aspect: 65

Land Use: Cattle Grazing

Slope: 21°

Geology: #

Soil: Sandy Loam

No. of Plants Sampled and Misc.: 76 plants sampled

No. of Plants Found: > 300

Area Sampled: 5 A

Seeds Collected From: seed - many individuals, plant

Description: Shrub, Height 1-2 feet

Common Name(s): Rabbit Brush

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

Identification

Mausert-Mooney, C. - BLM, In Field, 10/22/09

Herbarium Vouchers

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

No. of Herbarium Vouchers: Four 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.

Seed Test/Packaging Record

PRIORITY

(New name)
see white sheet

SOS-NV030-300

ERNAO

CHV18-SOS-NV030-300-09

~~Chrysothamnus viscidiflorus~~

yellow rabbitbrush

BLMS rubber 6.55 P

PRE-PACKAGING CHECKLIST

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

Test Results: Both in-house and/or OSU

100 Seed X-ray	95.1	REMARKS  ENTERED
Moisture Content	6.6%	
Seed Count	365,800	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	97.6%	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.
						—	73'	33.3	6.6

X-Ray Results

95 % Filled
Results from 106 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: .036 gms
Wt of Impurities:	Wt. of Clean Seed 1.476 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 1.512 gms
• Inerts .036 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 97.6\%$
• 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).

.123 .125

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 = 1.24 = 1000 seed wt.

Seeds per Pound = 365,800

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.159		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.159

beg bal .159
WRPIS - .030* (10,000)
New bal .129

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-26-10	1510		226-test	AC
		1550	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____