

SEEDS



OF SUCCESS **bend**

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: bend

Date Collected: 30 OCT 2007

Seed Collection Reference Number: NV030-210

Collector(s): D. Tonenna and N. Budde

ASTERACEAE

Ericameria nauseosa ssp. consimilis var. oreophila

Rec 11/20/07
FETNEY

-12

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Nye County

City/Town/Park: Toiyabe National Forest

Geographic Area: Mowhawk Canyon

Location Details: From the north end of the Yomba Indian Reservation continue north for 3.5 miles, then go east towards the Toiyabe Mt. Range for about six miles (keep to the northern most road when road breaks)

Lat. (dg/min/sec): 38° 59' 42" N Long. (dg/min/sec): 105° 21' 57" W

GPS: NAD83

Landowner Details (Permission): USFS

Altitude: 6000 FT

Associated Species: *Artemisia tridentata ssp. tridentata*, *Salix exigua*, *Rosa woodsii*, *Populus tremuloides*, *Pinus monophylla*, *Juniperus osteosperma*, *Poa secunda*, *Iris missouriensis*, *Juncus balticus*

Habitat: RIPARIAN, #

Modifying Factors: GRAZING

Land Form: CANYON

Aspect: S

Land Use: GRAZING

Slope: 8%

Geology: flood plain

Soil: GREY/LIGHT BROWN SILT

No. of Plants Sampled and Misc.: #

No. of Plants Found: > 10000

Area Sampled: 7 K

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): Rubber Rabittbrush

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

Identification

D. Tonenna and N. Budde - BLM, in field, 10/30/07

Herbarium Vouchers

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

No. of Herbarium Vouchers: 3

Seed Test/Packaging Record

SOSNV-03007-12

ERNAO-SOSNV-030-210-07
Ericameria nauseosa
rubber rabbitbrush
BLMS 3.53 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	17	3/26/08
OSU Sample Taken	# of pounds	AC
	0.09g	
Sample Sent	(Y/N)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>85</u>	REMARKS  ENTERED
Moisture Content		
Seed Count	<u>986,000</u>	
GERM	<u>—</u>	TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>
PURITY	<u>55</u>	or NOXIOUS WEED only <u>—</u>

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

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>.451</u> gms
Wt. of Impurities: _____ gms	Wt. of Clean Seed <u>.561</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.012</u> gms
• Inerts <u>←</u> gms <i>a lot of sticks that look like the seed + did not separate!</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \frac{.561}{1.012} \times 100 = \underline{55} \%$
• Weeds _____ gms	<i>(during cleaning)</i>
• Noxious _____ gms	

SEEDS PER POUND

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

.047 .044 _____

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 = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .46 = 1000 seed wt.
Seeds per Pound = 986,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.055</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.055</u>

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3-26-08</u>	<u>1700</u>		226-test	<u>AC</u>
		<u>1745</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____