

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: MAGL2

Storage Facility: Bend

Date Collected: 27 AUG 2009

Seed Collection Reference Number: NV030-279

Collector(s): Robinson, A., McCoy-Sillentic, M., Mossert-Mooney, C.

ASTERACEAE

Madia glomerata

Country: United States

Ecoregion: 12, Sierra Nevada

State: California

County: Nevada

City/Town/Park: Tahoe National Forest

Geographic Area: Boca Reservoir

Location Details: Heading west on I-80 from Reno, get off on Hirschdale Rd. Exit and turn left. Drive past Boca Reservoir for ca 1.5 miles to the large open meadow on left side of road adjacent to Little Truckee River. Meadow by side of road is collection site.

Lat. (dg/min/sec): 39° 26' 31.426" N

Long. (dg/min/sec): 120° 05' 42.032" W

GPS: WGS84

Landowner Details (Permission): USFS

Altitude: 1737 M

Associated Species: *Balsamorhiza hookeri*, *Gayophytum diffusum*, *Lupinus sp.*, *Elymus elymoides*, *Poa secunda*, *Tragopogon sp.*, *Artemisia tridentata ssp. wyomingensis*, *Purshia tridentata*, *Erigeron sp.*, *Chrysothamnus sp.*, *Pinus jeffreyi*, *Achillea millefolium*, *Leptodactylon pungens*, *Tetradymia*

Habitat: Meadow, grass and forb dominated meadow

Modifying Factors: None

Land Form: Meadow

Aspect: W

Land Use: Recreation

Slope: 1°

Geology: Andesite and Basalt

Soil: 7.5YR 5/4; 3/2 moist & 2.5YR 3/1; 5YR 5/2 moist

No. of Plants Sampled and Misc.: 750 plants sampled

No. of Plants Found: ca 1500

Area Sampled: 6 A

Seeds Collected From: seed - many individuals, plant

Description: plant about .5 ft tall. Glandular and smelly

Common Name(s): ^WMountain ^TTarweed

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

MAGL2-NV030-279-A, MAGL2-NV030-279-B, MAGL2-NV030-279-C

Identification

Robinson, A. - BLM, In Field, 8-27-09

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.

9/4

2900

2.103

0.300

1.803

Seed Test/Packaging Record

SOS-NV030-279

MAGL2-SOS-NV030-279-09

Madia glomerata
mountain tarweed

BLMS 1.8 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 12/23/09 AC
OSU Sample Taken	# of pounds 389	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	97%	REMARKS  ENTERED
Moisture Content	4.7%	
Seed Count	249,200	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	98%	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.
						—	68	20.9	4.7

X-Ray Results

97 % 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: .011 gms
Wt of Impurities:	Wt. of Clean Seed .550 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) .561 gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 98.0\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.187 .181

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 = 1.82 = 1000 seed wt.

Seeds per Pound = 249,200

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.			.152

beg. bal .152th
WRPIS .043th 10,000
New bal .109th

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-23-09	0830		226-test	AC
		0910	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____