



MSB Serial Number: _____
NCRS PLANTS Code: MAGL2
Storage Facility: Bend
Date Collected: 27 AUG 2009
Seed Collection Reference Number: NV030-282
Collector(s): Miceli, D; Koski, M; Rivas, C
ASTERACEAE
Madia glomerata

Country: United States **Ecoregion:** 12, Sierra Nevada
State: California **County:** Alpine
City/Town/Park: Humbolt- Toiyabe Nat. Forest **Geographic Area:** Monitor Pass
Location Details: Take hwy 89 east from markleeville up monitor pass. take a left on leviathan mine rd, take a left on hay press rd, the collection meadow is about a mile up this road
Lat. (dg/min/sec): 38° 41' 24.5" N **Long. (dg/min/sec):** 119° 39' 55.7" W
GPS: NAD83

Landowner Details (Permission): National Forest Service
Altitude: 2339 M

Associated Species: *Juniperus osteosperma, Pinus jeffreyi, Allium sp., Artemisia tridentata, Senecio integerrimus, Perideridia sp., Cercocarpus ledifolius, Elymus elymoides, Hordeum brachyantherum, Purshia tridentata, Symphoricarpos albus, Poa secunda, Chrysothamnus sp.*

Habitat: small herbaceous meadow, herbs, grasses and small shrubs

Modifying Factors: None

Land Form: Mountain

Aspect: 68 N

Land Use: Mining

Slope: 8°

Geology: andesite and basalt

Soil: sandy loam

No. of Plants Sampled and Misc.: 600 plants sampled

No. of Plants Found: ca 8,000

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: small herb 4- 8 inches tall, stems, lvs and fruits are sticky, strong odor

Common Name(s): tar weed

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

Identification

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.

Rec 10/7
lgvaz

Seed Test/Packaging Record

PRIORITY

SOS-NV030-282

MAGL2-SOS-NV030-282-09

Madia glomerata
mountain tarweed

BLMS .7 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 2-16-10 AC
OSU Sample Taken	# of pounds 32g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	98%	REMARKS  ENTERED
Moisture Content	6.2%	
Seed Count	287,000	
GERM	TZ <u>OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99	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.
								30.5	6.2

X-Ray Results

98 % 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: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• 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).

.158 .157

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 = $1.58 = 1000 \text{ seed wt.}$

Seeds per Pound = 287,000

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.			013

beg bal
WRPIS
New bal

013
- ALL (3,600)
0

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

DATE	Start	Stop	Process	Initials
2-16-10	0815		226-test	AC
		0855	2270-pkg	AL

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS