

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: WYMO
 Storage Facility: Bend
 Date Collected: 29 JUL 2009
 Seed Collection Reference Number: NV030-260
 Collector(s): #
ASTERACEAE
Wyethia mollis

Country: United States **Ecoregion:** 12, Sierra Nevada
 State: Nevada **County:** SIERRA
City/Town/Park: # **Geographic Area:** Verdi Range
Location Details: Take highway 80 N from Reno. Turn left onto County Route 894 towards Boca Reservoir. At Boca Rest campground turn right onto forest service road 72. Follow dirt road 4 miles past Verdi Peak Lookout to collection site.
Lat. (dg/min/sec): 39° 30' 30" N **Long. (dg/min/sec):** 120° 04' 19" W
GPS: WGS84
Landowner Details (Permission): FOREST SERVICE
Altitude: 6337 FT

Associated Species: *Elymus elymoides*, *Lupinus sp.*, *Ceanothus prostratus*, *Pinus jeffreyi*, *Arctostaphylos patula*, *Purshia tridentata*, *Bromus tectorum*, *Chrysothamnus sp.*, *Cirsium sp.*, *Balsamorhiza sagittata*

Habitat: Forest, Jeffrey Pine

Modifying Factors: Forest Fire

Land Form: Mountain

Aspect: SW

Land Use: Recreation, Loggin

Slope: 12°

Geology: #

Soil: Loam, 7.5YR 4/2; 2.5/2 moist

No. of Plants Sampled and Misc.: 250 plants sampled

No. of Plants Found: ca 10000

Area Sampled: 40 A

Seeds Collected From: seed - many individuals, plant

Description: yellow aster with long wide leaves

Common Name(s): Mules Ears

Photograph (to be send electronically to SOS National Office) file name: WYMO-NV030-260-A, WYMO-NV030-260-B, WYMO-NV030-260-C

Identification

Koski, M. - BLM, In Field, 7-29-09

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.

Rec 8/4/09
 2902
 \$116
 - .300
 4816#

Seed Test/Packaging Record

SOS-NV030-260

WYMO-SOS-NV030-260-09

Wyethia mollis
woolly mule-ears

BLMS

4.81 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 12/5/09 AC
OSU Sample Taken	# of pounds 3.7g	
Sample Sent	Y N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	86%	REMARKS ENTERED
Moisture Content	4.5%	
Seed Count	24,600	
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.
							66	19.6	4.5

X-Ray Results

86 % 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>1.052</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>3.673</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>3.725</u> gms
• Inerts <u>.052</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>98</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

1.797 1.876

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 = 18.39 = 1000 seed wt.

Seeds per Pound = 24,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.892</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.892</u>

beg bal - .892
WRPIS - .484

NEW BAL = .408

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>12-5-09</u>	<u>1410</u>		226-test	<u>AC</u>
		<u>1455</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____