

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: WYMO
 Storage Facility: Bend
 Date Collected: 14 JUL 2009
 Seed Collection Reference Number: NV030-248
 Collector(s): Carson City Field Office
ASTERACEAE
Wyethia mollis

Country: United States Ecoregion: 11, Great Basin
 State: Nevada County: Washoe
 City/Town/Park: # Geographic Area: Granite peak
 Location Details: Go N. on Hwy 395, turn on Red Rock Rd., after approx. 14 miles of driving turn on a dirt rd to the left, go approx. 3 miles and turn right at a T in the road, collection site is located approx. 1.3 miles on both sides of the dirt rd.

Lat. (dg/min/sec): 39° 47' 46" N Long. (dg/min/sec): 119° 57' 14" W
 GPS: NAD83

Landowner Details (Permission): BLM
 Altitude: 6360 FT

Associated Species: *Artemisia tridentata*, *Chrysothamnus viscidiflorus*, *Balsamorhiza sagittata*, *Lupinus sp.*, *Eriogonum elatum*, *Purshia tridentata*, *Bromus tectorum*, *Tetradymia glabrata*, *Lygodesmia spinosa*, *Elymus elymoides*, *Leptodactylon pungens*, *Ribes cereum*

Habitat: shrubland, sagebrush, rabbitbrush
 Modifying Factors: #

Land Form: slope Aspect: East

Land Use: Recreation, Livestock Grazing
 Geology: granodiorite and quartz monzonite

Soil: sandy loam; 10YR 4-2; 2-2 Moist
 No. of Plants Sampled and Misc.: approx. 1500 plants sampled

No. of Plants Found: ca 5000
 Area Sampled: 15.3 A

Seeds Collected From: seed - many individuals, plant
 Description: yellow aster, large basal leaves, approx. 1-1.5ft tall
 Common Name(s): mules ears

Photograph (to be send electronically to SOS National Office) file name: WYMO-NV030-248-A, WYMO-NV030-248-B, WYMO-NV030-248-C

Identification

Robinson, A. - BLM, In Field, 7-14-09

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No
 No. of Herbarium Vouchers: 4

- 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 7/22/09
 (8gpc)
 Slope: gentle
 7.446 (3 bags)
 7.876 (3 bags)
 6.132 2
 21.454 8x
 .155
 1.240
 20.214#

Seed Test/Packaging Record

SOS-NV030-248

WYMO-SOS-NV030-248-09

Wyethia mollis
woolly mule-ears

BLMS

20.21 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		10-23-09 AC
OSU Sample Taken	# of pounds	
	5g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	87%	ENTERED
Moisture Content	6.5%	
Seed Count	18,800	
GERM	— TZ <u>osu</u>	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.
							72°	32.2	6.5

X-Ray Results
87 % 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>.091</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>4.8</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>4.891</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>98</u> %
• Weeds _____ gms	
• Noxious _____ gms	

dead larvae bug damaged seed 1? bromie?

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).	
<u>2.348</u> <u>2.456</u>	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = <u>24.02</u> = 1000 seed wt.
	Seeds per Pound = <u>18,800</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>2.512</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>2.512</u>

** WRPIS .625# ~10M + 2.512 = 3.137# total wt.*

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

DATE	Start	Stop	Process	Initials
10-23-09	1345		226-test	AC
		1430	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____

ENTERED