

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: Bend

Date Collected: 28 OCT 2009

Seed Collection Reference Number: NV030-307

Collector(s): Mausert-Mooney, C., Rivas, C., Koski, M., Robinson, A.

ASTERACEAE

Euthamia occidentalis

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Churchill

City/Town/Park: #

Geographic Area: Dixie Valley

Location Details: Take Highway 50 east from Fallon past Sand Mountain. Turn left onto Dixie Valley road and travel 37 miles to hot springs on the right side of the road.

Lat. (dg/min/sec): 39° 47' 46" N Long. (dg/min/sec): 118° 04' 12.9" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 3363 M

Associated Species: *Helianthus annuus*, *Phragmites australis*, *Castilleja minor* ssp. *minor*, *Atriplex torreyi*, *Tamarix* sp., *Salsola kali*, *Populus fremontii*, *Salix* sp., *Asclepias syriaca*, *Sarcobatus vermiculatus*, *Eriogonum umbellatum*

Habitat: Valley, Grease Wood

Modifying Factors: None

Land Form: Salt Flat

Aspect: E, 86

Land Use: Recreation, Grazing

Slope: 1°

Geology: Alluvium and Mass Wasting

Soil: Clay, 10YR 8/3; 5/4 moist

No. of Plants Sampled and Misc.: 1200 plants sampled

No. of Plants Found: # 10000

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: Height 3-4

Common Name(s): #

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

EU404-NV030-307-A,EU404-NV030-307-B,EU404-NV030-307-C

Identification

Tonenna, D. -BLM, In Field, 9-5-09

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.

Seed Test/Packaging Record

PRIORITY

SOS-NV030-307

EUOC4-SOS-NV030-307-09
Euthamia occidentalis
western goldentop
BLMS 5.87 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	11/5/10
OSU Sample Taken	# of pounds	AC
	.025g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	~ 90%	 ENTERED
Moisture Content	5.8%	
Seed Count	5,679,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	87%	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.
							70	28.1	5.8

X-Ray Results
90 % Filled +cut
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>.07</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.26</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.30</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{87} \%$
• 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).

.008 .008

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 = .08 = 1000 seed wt.
Seeds per Pound = 5,670,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.066		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.066</u>

beg-bal .066
WRPIS .003 ~10,000+
Newbal .063

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

DATE	Start	Stop	Process	Initials
1-5-10	0930		226-test	AC
			2270-pkg	AC

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

POSTED TO: Lot Completion Logbook Computer NMIS _____