

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: Bend

Date Collected: 22 OCT 2009

Seed Collection Reference Number: NV030-302

Collector(s): D. Tonenna, M. McCoy Sulentic, C. Mausert-Mooney, D. Miceli, C. Rivas, A. Robinson

ASTERACEAE

Aster sp.

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Douglas

City/Town/Park: #

Geographic Area: Churchill Canyon

Location Details: Headed south on Fort Churchill to Wellington Backcountry Byway, take a right (NW) on Sunrise Pass, collection site about a 3 miles on the right. Collection site in meadow

Lat. (dg/min/sec): 39° 03' 32.45" N Long. (dg/min/sec): 119° 26' 32.1" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1822 M

Associated Species: *Purshia tridentata*, *Leymus cinereus*, *Rosa woodsii*, *Iva axillaris*, *Tetradymia canescens*, *Juncus sp.*, *Pinus monophylla*

Habitat: Meadow, Grass Meadow Surrounded by Desert Scrub

Modifying Factors: None

Land Form: Foothills

Aspect: 92

Land Use: Cattle Grazing

Slope: 7°

Geology: #

Soil: Sandy Loam

No. of Plants Sampled and Misc.: 212 plants sampled

No. of Plants Found: ca 300

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: Height 1/2-1

Common Name(s): #

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

Zgroz

Identification

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: Four Vouchers Taken

- a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

Seed Test/Packaging Record

SOS-NV030-302

ASTER-SOS-NV030-302-09

Aster spp.

Aster spp.

BLMS

2.9 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 2-17-2010 AC
OSU Sample Taken	# of pounds .45g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	78%	REMARKS ENTERED
Moisture Content	6.9%	
Seed Count	2,268,000	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>96.5%</u> or NOXIOUS WEED only <u> </u>		

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.
								35.2	6.9

X-Ray Results

78 % 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>.012</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.336</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.348</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{96.5} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.020 .019 _____
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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = $\frac{.20}{1000}$ = 1000 seed wt.

Seeds per Pound = 2,268,000

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.			<u>.332</u>

beg bal .332
WRPIS - .006 10,000

New bal .326

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

DATE	Start	Stop	Process	Initials
2-17-10	1440		226-test	AC
		1525	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____