

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: ERSP3

Storage Facility: BEND

Date Collected: 24 NOV 2009

Seed Collection Reference Number: NV030-322

Collector(s): Miceli, D.; Rivas, C.; Mausert-Mooney, C.

POLEMONIACEAE

Eriastrum sparsiflorum

Country: #

Ecoregion: 11, Great Basin

State: Nevada

County: Washoe

City/Town/Park: Wadsworth

Geographic Area: River Valley

Location Details: Take James Ranch Road in Wadsworth, Nevada to the very end of the road and park at residence. Request permission for access. Walk north to Truckee River.

Lat. (dg/min/sec): 39° 39' 4.19" N Long. (dg/min/sec): 119° 17' 2.29" W

GPS: NAD83

Landowner Details (Permission): Private

Altitude: 4014 FT

Associated Species: *Populus fremontii*, *Salix exigua*, *Centaurea diffusa*, *Mentzelia laevicaulis*

Habitat: Riparian-xeric transition zone, #

Modifying Factors: #

Land Form: Floodplain

Aspect: NE

Land Use: Private Property

Slope: 2°

Geology: Alluvium and mass wasting

Soil: Sand Gravel

No. of Plants Sampled and Misc.: #

No. of Plants Found: > 500

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): ^{g B} great basin wooly star

woolly star

Photograph (to be send electronically to SOS National Office) file name: ERSP3-NV030-322

Identification

Miceli, D-BLM, In Office, 11-30-09

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

SOS-NV030-322

ERSP3-SOS-NV030-322-09
 Eriastrum sparsiflorum
 Great Basin woollystar
 BLMS 3.65 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 2-23-10 AC
OSU Sample Taken	# of pounds 1.9g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	90%	
Moisture Content	6.5%	
Seed Count	1,019,000	
GERM	TZ <u>OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	93%	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.
								33%	6.5

X-Ray Results
90 % 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>-.018</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>-.24</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>-.258</u> gms
• Inerts <u>-.018</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>93</u> %
• 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).	Difference between max & Min wt. _____ 10% of average _____
<u>.095</u> <u>.094</u> _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = <u>.445</u> = 1000 seed wt.
	Seeds per Pound = <u>1,019,000</u>

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>.111</u>

bag bal -111
 WRPLS - .012 (10,000)
 New bal .099

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

DATE	Start	Stop	Process	Initials
2-23-10	1115		226-test	AC
		1155	2270-pkg	AC

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

POSTED TO: Lot Completion Logbook Computer NMIS _____