

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: HECO26

Storage Facility: Bend

Date Collected: 14 JUL 2009

Seed Collection Reference Number: NV030-246

Collector(s): Carson City Field Office

POACEAE

Hesperostipa comata

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Washoe

City/Town/Park: #

Geographic Area: Bedell Flats

Location Details: go north on Winemucca Ranch Rd. Turn left at Moon rock rec. area, travel down the main dirt rd for about approx. 4 miles, collection site will be to left of dirt rd

Lat. (dg/min/sec): 39° 50' 31" N Long. (dg/min/sec): 119° 47' 20" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 5380 FT

Associated Species: *Artemisia tridentata*, *Bromus tectorum*, *Chrysothamnus sp.*, *Ephedra viridis*, *Balsamorhiza sagittata*, *Crepis sp.*, *Elymus elymoides*, *Achnatherum hymenoides*, *Juniperus osteosperma*, *Prunus andersonii*, *Lupinus sp.*, *Purshia tridentata*, *Eriogonum ovalifolium*, *Sisymbrium altiss*

Habitat: Shrub Land, Juniper Woodland /Sage Brush Shrub Land

Modifying Factors: #

Land Form: Valley slopes

Aspect: 20

Land Use: Recreation, Livestock grazing

Slope: 5°

Geology: granodiorite and quartz monzonite

Soil: sandy lome, 'brown' (7.5YR 3/2;4/2 moist)

No. of Plants Sampled and Misc.: plants sampled approx. 2500

No. of Plants Found: < 5000

Area Sampled: 50 A

Seeds Collected From: seed - many individuals, plant

Description: Height 2'

Common Name(s): Needle and Thread Grass

Photograph (to be send electronically to SOS National Office) file name: HECO26-NV030-246-A,HECO26-NV030-246-B,HECO26-NV030-246-C

Identification

Koski, M.- 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

3groc
 3,934
 - .450
 3,484

Seed Test/Packaging Record

SOS-NV030-246

HECO26-SOS-NV030-246-09
Hesperostipa comata
needle & thread
BLMS 3.48 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12/18/09 AC
OSU Sample Taken	# of pounds	
	1.00g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	98%	
Moisture Content	6.0%	
Seed Count	91,600	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>97.4</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.
							74	27.9	6.0

X-Ray Results
98 % 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>.156</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>5.952</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>6.108</u> gms
• Inerts <u>.156</u> gms <i>most = broken pieces</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{97.4} \%$
• Weeds _____ gms <i>I think 1 Lemmons need legrass</i>	
• 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).	
<u>.496</u> <u>.494</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>4.95</u> = 1000 seed wt.
	Seeds per Pound = <u>91,600</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.077</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.077</u>

beg. bal .077
WRPIS ALL (6,700)
NEW BAL. \emptyset

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

DATE	Start	Stop	Process	Initials
12-18-09	1145		226-test	AC
		1230	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____