



MSB Serial Number: \_\_\_\_\_  
NCRS PLANTS Code: ELEL5  
Storage Facility: Bend  
Date Collected: 08 JUL 2009  
Seed Collection Reference Number: NV030-245  
Collector(s): Koski, M; Rivas, C; Mausert-Mooney, C, McCoy -Sulentic, M;  
Robinson, A; Micelli, D  
**POACEAE**

*Elymus elymoides*

Country: United States                      Ecoregion: 12, Sierra Nevada  
State: California                              County: Alpine  
City/Town/Park: #                      Geographic Area: Indian Creek Recreation Area  
Location Details: Off trail between Curtz Lake and Summit Lake  
Lat. (dg/min/sec): 38° 43' 39.006" N                      Long. (dg/min/sec): 119° 47'30.8" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 6295 FT

Associated Species: *Pinus jeffreyi*, *Pinus monophylla*, *Arctostaphylos patula*, *Purshia tridentata*, *Artemisia tridentata*

Habitat: jeffery pine forest, pines, grass and shrubs

Modifying Factors: #

Land Form: slope

Aspect: 350

Land Use: Collection

Slope: 20°

Geology: Andesite and Basalt

Soil: sandy loam

No. of Plants Sampled and Misc.: 2000 plants sampled

No. of Plants Found: > 10000

Area Sampled: 84 A

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): Squirrel Tail

Photograph (to be send electronically to SOS National Office) file name: ELEL5-NV030-245-A, ELEL5-NV030-245-B, ELEL5-NV030-245-C

Identification

D. Tonenna- BLM, in field

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.

11groc

Rec 7/22/09

5.331	(3 Bags)
5.292	(3 Bags)
5.089	(3 Bags)
3.642	2 Bags
<hr/>	
19.354	11 Bags
	x.155
<hr/>	
	17.649#

# Seed Test/Packaging Record

SOS-NV030-245

ELEL5-SOS-NV030-245-09

Elymus elymoides

Bottlebrush squirreltail

BLMS

17.65 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 11/10/09 AC
OSU Sample Taken	# of pounds .89	
Sample Sent	Y/N Y	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	97.1	REMARKS  ENTERED
Moisture Content	6.71	
Seed Count	116,300	
GERM	—	TZ OSU 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.
							76	33.7	6.7

## X-Ray Results

97 % 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: .016 gms
Wt of Impurities: _____ gms	Wt. of Clean Seed: .775 gms
• Crops _____ gms <i>some cheatgrass</i>	<b>TOTAL (Impurities + Clean Seeds)</b> .791 gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 98\%$
• 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).

.378 .393 \_\_\_\_\_  
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 =  $\frac{3.90}{2} = 1.95$  = 1000 seed wt.  
Seeds per Pound = 116,300

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	5.589		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			5.589

beg-balance 5.589  
WRPIS 10,000 -092  
New balance 5.497

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11-10-09	1240		226-test	AC
		1330	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_