

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: Bend

Date Collected: 10 AUG 2007

Seed Collection Reference Number: NV030-200

Collector(s): N. Budde, S. Choi, D. Tonenna, M. Byrne, D. Cock

POACEAE

Elymus elymoides

Country: United States

Ecoregion: 12, Sierra Nevada

State: Washoe

County: Mt. Rose

City/Town/Park: #

Geographic Area: #

Location Details: Mt. Rose. Lower trail behind the information area

Lat. (dg/min/sec): 39° 18.602' #'' N Long. (dg/min/sec): 119° 54.471' #'' W

GPS: NAD83

Landowner Details (Permission): FS

Altitude: 8695 FT

Associated Species: *Achnatherum thurberianum*, *Pinus contorta*, *Monardella odoratissima*, *Wyethia mollis*

Habitat: Forest, #

Modifying Factors: Logging, Fire, Historic Grazing

Land Form: Mountain

Aspect: SW

Land Use: Recreation, Water source

Slope: 35°

Geology: #

Soil: sand

No. of Plants Sampled and Misc.: #

No. of Plants Found: # #

Area Sampled: # #

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): #

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

Identification

#

Herbarium Vouchers

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

No. of Herbarium Vouchers: #

- 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

Seed Test/Packaging Record

SOSNV-03007-03

ELEL5-SOSNV-030-200-07
Elymus elymoides
 Bottlebrush squirreltail
 SNWC .155 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 5	Date/Initials 2-19-08 AC
OSU Sample Taken	# of pounds .64g	AC
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	96%	REMARKS
Moisture Content		
Seed Count	142,600	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>98.6</u> or NOXIOUS WEED only <u> </u>		

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
			Lot too small		

X-Ray Results

96 % 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>.027</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.899</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.926</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98.6} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.311 .322

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 = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
 2 x Total of 5 reps = 3.18 = 1000 seed wt.
 Seeds per Pound = 142,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.026</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.026</u>

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>2-19-08</u>	<u>1130</u>		226-test	AC
		<u>1200</u>	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____