

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: POSE
 Storage Facility: Bend
 Date Collected: 30 JUL 2009
 Seed Collection Reference Number: NV030-262
 Collector(s): #
POACEAE
Poa secunda

Country: United States Ecoregion: 11, Great Basin
 State: Nevada County: Washoe
 City/Town/Park: # Geographic Area: Fort Defiance Creek
 Location Details: From Wadsworth, NV take highway 447 N for 3 miles. Turn left onto dirt road and follow powerlines to White Horse Creek follow dirt road up Fort Defiance Creek to collection site.

Lat. (dg/min/sec): 39° 42' 59" N Long. (dg/min/sec): 119° 23'02" W
 GPS: WGS84

Landowner Details (Permission): BLM
 Altitude: 4867 FT

Associated Species: *Artemisia tridentata*, *Chrysothamnus linifolius*, *Bromus tectorum*, *Ephedra viridis*, *Juniperus scopulorum*, *Grayia spinosa*

Habitat: Shrubland, Sage brush

Modifying Factors: None
 Land Form: Canyon Aspect: N

Land Use: Recreation, Livestock Grazing Slope: 17°

Geology: #

Soil: Sandy Loam, 2.5YR 4/2; 2.5/2 moist

No. of Plants Sampled and Misc.: 1500 plants sampled

No. of Plants Found: ca 5000

Area Sampled: 20 A

Seeds Collected From: seed - many individuals, plant

Description: Bunch grass

Common Name(s): Sandberg bluegrass

Photograph (to be send electronically to SOS National Office) file name: POSE-NV030-262-A, POSE-NV030-262-B, POSE-NV030-262-C

Identification

Tonenna, D. - BLM

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 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.

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

8/4/09
 39102

2.667
 — 0.450
 —————
 2.217

Seed Test/Packaging Record

SOS-NV030-262

POSE-SOS-NV030-262-09

Poa secunda

Sandberg bluegrass

BLMS

2.215 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 12-23-09 AC
OSU Sample Taken	# of pounds .08g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>85%</u>	REMARKS  ENTERED
Moisture Content	<u>6.3%</u>	
Seed Count	<u>1,209,600</u>	
GERM <u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>		
PURITY <u>98.8</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.
						<u>—</u>	<u>72°</u>	<u>31.0</u>	<u>6.3</u>

X-Ray Results

85 % 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>.004</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.324</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.324</u> gms
• Inerts <u>.004</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98.8} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.037 .038

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 = .375 = 1000 seed wt.

Seeds per Pound = 1,209,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.041</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.041</u>

beg. bal .041 #

WRPIS .011 # ~10,000 PLS

New Bal. = .030 #

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>12-23-09</u>	<u>1230</u>		226-test	<u>AC</u>
		<u>1315</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____