

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: BEND

Date Collected: 24 AUG 2009

Seed Collection Reference Number: NV030-275

Collector(s): Miceli, D; Rivas, C

POACEAE

Hordeum brachyantherum

Country: United States

Ecoregion: 12, Sierra Nevada

State: California

County: Placer

City/Town/Park: #

Geographic Area: Onion Creek

Location Details: take 80 W into cali, exit Donnor pass rd. and head towards the donnor campground, keep on Donnor pass until you get to Soda Springs road and turn left. Follow Soda Springs road until you get to dirt follow for approximately 4 miles to collection site.

Lat. (dg/min/sec): 39° 16' 27.306" N

Long. (dg/min/sec): 120° 21' 31.457" W

GPS: WGS84

Landowner Details (Permission): Forest Service

Altitude: 1862 M

Associated Species: *Agrostis stolonifera*, *Perideridia sp.*, *Juncus sp.*, *Veratrum californicum*, *Lotus purshianus*, *Aster sp.*, *Carex praegracilis*, *Potentilla gracilis*, *Elymus glaucus*, *Mimulus moschatus var. moschatus*, *Navarretia intertexta*, *Allium sp.*, *Madia exigua*, *Sidalcea sp.*, *Trifolium lo*

Habitat: meadow, grass and forb dom. meadow

Modifying Factors: None

Land Form: Mountain meadow

Aspect: 310 NW

Land Use: Recreation

Slope: 4°

Geology: Andesite and Rholite

Soil: Loam

No. of Plants Sampled and Misc.: 200 plant sampled

No. of Plants Found: ca 10000

Area Sampled: 5 acres #

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): #

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

HOB2-NV030-275-A, HOB2-NV030-275-B, HOB2-NV030-275-C

Identification

Rivas, C-BLM, 8-24/09, In Field

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 vouchers

- 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.

9/2

lg ror

1032#

-150

982

Seed Test/Packaging Record

SOS-NV030-275

HOBR2-SOS-NV030-275-09
 Hordeum brachyantherum
 meadow barley
 BLMS .98 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12/21/09
OSU Sample Taken	# of pounds	AC
	-78g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	94%	ENTERED
Moisture Content	6.2%	
Seed Count	115,700	
GERM	— TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99	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.
						—	72°	30%	6.2

X-Ray Results
94 % 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: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
<ul style="list-style-type: none"> • Crops _____ gms • Inerts _____ gms • Weeds _____ gms • Noxious _____ gms 	TOTAL (Impurities + Clean Seeds) _____ gms Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{(Wt. of Total)}} \times 100 = 99\%$

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).	
.386 .395	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{3.92}{2} = 1000$ seed wt.
	Seeds per Pound = 115,700

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.283		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.283

beg bal .283
 WRPIS 10,000 PLS .094 #
 New bal .189

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

DATE	Start	Stop	Process	Initials
12-21-09	1105		226-test	AC
		1150	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____