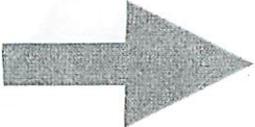


444



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code:

Circle relevant descriptions shown in *italics*.

Cleaning Facility:

Date(s) Collected (DD/MM/YY):

08/08/08 #

Seed Collection Reference Number:

ID 431-91

Collector(s):

Hess, P Leahy, J

Country:

USA

Ecoregion (T,O, B):

0

State:

ID

County:

Owyhee

Location Details:

Slope
Boise National Forest

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

10969

N

GPS Used?:

Yes

No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

63473

W

GPS Datum:

NAD83

NAD27

WGS84 · Other:

Elevation (feet):

5345

Landowner Details (Permission?):

BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Juniperus sp., allium sp., penstemon sp.

PRIORITY

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other: lit (near power lines)

Land Form:

Hillside

Slope°:

10%

Land Use:

none

Aspect:

N NE (E) SE S SW W NW

Geology:

Soil Texture:

Clay Silt Sand Other: w/ Rock

Soil Color:

light brown

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family:

Scrophulariaceae

No. of Plants Sampled (min. 50):

620

Genus:

Penstemon

No. of Plants Found (approx.):

> 1000

Species:

deustus

Area Sampled (acres):

3 acres

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

~ 1/2 ft

Rec 10/15

Native plant materials development and research this accession will be used for:

1 groc

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

Common Name(s) of Plants:

Scabland Penstemon

Photograph Taken:

Digital 35mm

Reference (PLANTS Code_Coll. Number_Pic. No.):

Where Image will be Filed:

-05

Seed Test/Packaging Record

PRIORITY

SOSID-93108-05

PEDE4-SOSID-931-91-08
 Penstemon deustus
 scabland penstemon
 BLMS .7P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags ~1	Date/Initials 10/23/08 AC
OSU Sample Taken	# of pounds .035	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>~85%</u>	REMARKS
Moisture Content	<u>5.6%</u>	
Seed Count	<u>2,835,000</u>	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>95%</u> 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.
						—	72.7	25.9	5.6

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>.013</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.237</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.250</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>94.8</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.015 .016 _____
 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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

$2 \times \text{Total of 5 reps} = \frac{.16}{2} = 1000 \text{ seed wt.}$
 Seeds per Pound = 2,835,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.138</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	<u>.134</u>
TOTAL Wt.			<u>.138</u>

wait for tz results before pulling PPMC sample - 10,000 pulled for PPMC (0.004#) 11/4

SEED TRANSFER Log Number <u>84skip08</u>			
Date	Wt. Shipped	Ship via	Purpose Remarks
<u>11/6</u>	<u>.134</u>	<u>ups</u>	<u>neweg</u>

DATE	Start	Stop	Process	Initials
<u>10/23/08</u>	<u>1115</u>		226-test	<u>AC</u>
		<u>1200</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____