

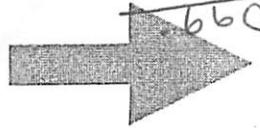
Large blue Penstemon

SOSID 93007-24

rec 10/27/07
-660 #
1 wovengrass

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 18 April 2007)

882
222
660



Please use BLOCK CAPITALS MSB Serial Number:
Please complete all the priority fields labeled in bold. NRCS PLANTS Code: **0EPA54**
Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 5 Aug 2007 Seed Collection Reference Number: ID - B12

Collector(s): Keith Barnes, Elizabeth Barnes

Country: USA Ecoregion: State: ID County: Boise

Location Details: About 11 miles North of Boise on Bogus Basin Rd, then East on unmarked dirt road ~ 0.5 mile

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 43° 44' 02.3" N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 116° 07' 06.6" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5631 Landowner Details (Permission?): USFS

HABITAT DATA

Habitat & Associated Species: Open PIPO/PSME forest with PREM, PRVI, Ceanothus velutinus, Chrysothamnus nauseosus

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other: NONE

Land Form: Mountain Slope Slope: 20°

Land Use: Recreation Aspect: N NE E SE (S) SW W NW

Geology: Granitic

Soil Texture: Clay Silt Sand Other: Sandy Loam Soil Color: Light brown / tan

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

Family: Scrophulariaceae No. of Plants Sampled (min. 50): 250

Genus: Penstemon No. of Plants Found (approx.): 600

Species: payettensis Area Sampled (acres): 5

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 2

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

If not, enter details of collector, reference, where lodged, and date collected:

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

Common Name(s) of Plants: Payette Beard Tongue

Photograph Taken: Digital 35mm Reference (PLANTS Code, Coll. Number, Pic. No.): Where Image will be Filed:

Seed Test/Packaging Record

SOSID-93007-24

PEPA29-SOSID-930-B12-07
 Penstemon payettensis
 Payette beardtongue
 BLMS .66 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	~1	3-31-08
OSU Sample Taken	# of pounds	AK
	.39g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>73</u>	REMARKS  ENTERED
Moisture Content		
Seed Count	<u>240,000</u>	
GERM	<u>94</u>	TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>94</u>	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of two methods below)

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

X-Ray Results

<u>73</u> % Filled
Results from <u>100</u> Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.065</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.935</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.000</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{94} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.187 .190

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 = 1.87 = 1000 seed wt.

Seeds per Pound = 240,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.121</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.121</u>

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3-31-08</u>	<u>1330</u>		226-test	<u>AC</u>
		<u>1355</u>	2270-pkg	<u>AC</u>

<u>got it</u>	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____