Small blue Penstemon

•438
•224
•214

SOSID-93007-25

Rec 10/27/07
1 white woven
• 214#

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

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code: PEWI

Date Collected (DD/MM/YY): 6 Aug 2007 **Seed Collection Reference Number:** ID – B13

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° 43' 53.9" N GPS Used?: (Yes) No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 116° 06' 46.8" W GPS Datum: *NAD83 NAD27* (WGS84) *Other:*

Elevation (feet): 5758 Landowner Details (Permission?): USFS

HABITAT DATA

Habitat & Associated Species: Open PIPO / PSME forest with PREM, PRVI, Chrysothamnus nauseousus,

Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled* (Other:) N/DNE

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): 100

Genus: Penstemon **No. of Plants Found (approx.):** 200

Species: wilcoxii **Area Sampled (acres):** 10

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: Wilcox's Penstemon

Photograph Taken: (Digital) *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

Seed Test/Packaging Record

SOSID-93007-25

PEWI-SOSID-930-B13-07
Penstemon wilcoxii
Wilcox's penstemon/beardtongue
BLMS .214 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	~1	4/01/08 AC
OSU Sample Taken	# of pounds .09g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 80%
Moisture Content —
Seed Count 2,520,000

REMARKS

ENTERED

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 95 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

~80 % Filled confirmed w/cut seed

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts .002 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .002 gms
Wt. of Clean Seed .036 gms
TOTAL (Impurities + Clean Seeds) .038 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 95 %

SEEDS PER POUND

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

.018 .018 _____
_____ _____

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 = 453600 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .18 = 1000 seed wt.
Seeds per Pound = 2,520,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.041	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.041

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4/1/08	0820		226-test	AC
		845	2270-pkg	AC

done ✓	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____