BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

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: PERDIO

Date Collected (DD/MM/YY): 29/09/04

Seed Collection Reference Number: Ut930-Bend 39

Collector(s): HAGYARI, DAVID

Country: USA **Ecoregion:** Utah High plateaus **State:** UTAH County: BEAVER

Location Details: EXIT OFF I15 AT EXIT 120 NORTH OF BEAVER, FOLLOW ROAD SOUTH UNTIL SIGN OFF INDIAN CREEK, TAKE RIGHT ROAD UNTIL FOREST LAND, PLANTS ALONG SIDE OF ROAD

Lat. (dg/min/sec): N 38 26.035 GPS Used?: *Yes No* If no, please see other side.

Long. (dg/min/sec): W 112 34.866 GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 6804 Landowner Details (Permission?): yes

HABITAT DATA

Habitat & Associated Species: ACER, QUERCUS, AND OTHER PENSTEMON

Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled Other:*

Land Form: Slope°:

Land Use: CATTLE GRAZING Aspect: *N NE E SE S SW W NW*

Geology:

Soil Texture: *Clay Silt Sand Other:* Soil Color:

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

Family: SCROPHULARIACEAE **No. of Plants Sampled:** 200

Genus: PENSTEMON **No. of Plants Found (approx.):** 250

Species: ROSTRIFLORUS **Area Sampled (acres):** 2 acres

Subspecies/Variety:

Seeds Collected From: *Plants Ground Both*

Plant Habit: *Tree Shrub Forb Succulent Grass/Grasslike* Plant Height (feet): 1-2 feet

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: No Specimen taken

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

Common Name(s) of Plants:

Photograph Taken: *Digital 35mm* Reference: Where Image will be Filed:

none taken

SOSUT-93004-26

PERO10-SOSUT-930-BEND39-04
Penstemon rostriflorus
Bridge penstemon
SNWC .011

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		2-17-05 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / N	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	79%	REMARKS ENTERED
Moisture Content	—	
Seed Count	1,193,680	
GERM — TZ —	Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY 97% 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
79 % Filled
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 ____ gms
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .002 gms
Wt. Of Clean Seed .076 gms
TOTAL (Impurities + Clean Seeds) .078 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 97 %

SEEDS PER POUND

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

.038 ---------- ---------- ----------
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TOTAL of ALL Reps _____
Average _____

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .38 = 1000 seed wt.
Seeds per Pound = 1,193,680

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.003	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.003

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
2-17-05	1430		226-test	AC
		1455	2270-pkg	AC

OK	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ____ **NA**