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: PERO10

Date Collected (DD/MM/YY): 14/11/05 **Seed Collection Reference Number:** AZ-930-0152R

Collector(s): J. JOHNSON, D.B. EDWARDS

Country: USA **Ecoregion:** APACHEHI **State:** AZ County: YAVAPAI

Location Details: PRESCOTT NATIONAL FOREST. GRAPEVINE SPRINGS. 1 MILE ON TRAIL # 4 OFF OF FOREST SERVICE ROAD 87A.

Lat. (dg/min/sec): N 33° 25.456 ' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 112° 19.128 ' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 5634 Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: PETRAN MONTANE CONIFER FOREST. WITH JUNIPERUS DEPPEANA, PINUS PONDEROSA, QUERCUS SP., QUERCUS TURBINELLA, CEANOTHUS SP., RHAMNUS ILICIFOLIA, ARCTOSTAPHYLOS PUNGENS.

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

Land Form: HILLSIDE Slope°: 20° - 45°

Land Use: MULTIPLE USE Aspect: *N NE E SE* ***S*** *SW W NW*

Geology:

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

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

Family: SCROPHULARIACEAE **No. of Plants Sampled:** 80

Genus: PENSTEMON **No. of Plants Found (approx.):** 150

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

Subspecies/Variety:

Seeds Collected From: ***Plants*** *Ground* *Both*

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 1.5 - 2

Does the pressed specimen have the same reference as the seed collection?: ***Yes*** *No* 11/22/05

If not, enter details of collector, reference, where lodged, and date collected: 1 brown paper

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): RED FLOWER 0.190#

Common Name(s) of Plants: BRIDGE PENSTEMON

√ have ID Card

Seed Test/Packaging Record

SOSAZ-93005-69

PERO10-SOSAZ-930-0152R-05
Penstemon rostriflorus
Bridge penstemon
SNWC 185 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	1-17-06 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / N	

Test Results: Both Inhouse and/or OSU	
100 Seed X-ray 88%	REMARKS ENTERED
Moisture Content —	
Seed Count 1,334,000	
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
88 % 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 .001 gms
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .001 gms
Wt. Of Clean Seed .034 gms
TOTAL (Impurities + Clean Seeds) .035 **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).
.034 ---------- ---------- ----------
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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 = .34 = 1000 seed wt.
Seeds per Pound = 1,334,000

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.044	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	~~0.044~~
		TOTAL WT.	0.044

Transaction Fee: _____

Seedbank Location

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

DATE	Start	Stop	Process	Initials
1-17-06	1100		226-test	AC
		1120	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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