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: PEST2

Date Collected (DD/MM/YY): 25/08/05 **Seed Collection Reference Number:** UT930-BEND 58

Collector(s): Kate Sebastian

Country: USA **Ecoregion:** UTAH HIGH PLATEAUS **State:** UTAH **County:** DUCHESNE

Location Details: Nuthers Ridge/ANTHRO MTN. 7 miles SOUTH OF FOREST BOUNDRY SIGN. EAST OF ROAD IN SAGEBRUSH MEADOW.

Lat. (dg/min/sec): N 39°55'19" GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 110°27'14" GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 8711 ft Landowner Details (Permission?): YES

HABITAT DATA

Habitat & Associated Species: BLACK sage brush, Near Aspen with Castelija, Eriogonum, penstemon procerus, Astragalus detritalis, oxytropis lamberti

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

Land Form: HIGH PLATEAUS Slope°: 5°

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

Geology:

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

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

Family: SCROPHULARIACEAE **No. of Plants Sampled:** 90

Genus: PENSTEMON **No. of Plants Found (approx.):** 300

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.5-1.5

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: Rec 9/7 1cloth 0.170 .035 .035

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): -18

Common Name(s) of Plants: ROCKY MOUNTAIN PENSTEMON

Photograph Taken: *Digital* *35mm* Reference: Penstemon strictus July 6, 05 Where Image will be Filed: RED BUTTE GARDEN

Seed Test/Packaging Record

SOSUT-93005-18

PEST2-SOSUT-930-BEND58-05
Penstemon strictus
Rocky Mtn. penstemon
SNWC 035 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 1	Date/Initials: 1.4.06 AC
OSU Sample Taken	# of pounds: 0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 92
Moisture Content ____
Seed Count 440,380
GERM ____ TZ ____ Strat Time: NC ____ 4C ____ 8C ____ 13C ____
PURITY 95% or NOXIOUS WEED only ____

REMARKS
ENTERED

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

92 % 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 .006 gms
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .006 gms
Wt. Of Clean Seed .103 gms
TOTAL (Impurities + Clean Seeds) .109 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 95 %

a little hard to tell seed from inerts.

SEEDS PER POUND

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

.103 ---------- ---------- ----------

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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 = 1.03 = 1000 seed wt.
Seeds per Pound = 440,380

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.037	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.037

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
1.4.06	1435		226-test	AC
		1455	2270-pkg	AC

yes ✓	ID card file sample
_____	Regional Office ID file

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