51

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: STPI

Date Collected (DD/MM/YY): 20/07/05 **Seed Collection Reference Number:** UT930 - Bend 51

Collector(s): Kate Sebastian

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

Location Details: JUST OFF Highway I-40 @ mile 84 on South side of road.

Lat. (dg/min/sec): N 40° 09.888' GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 110° 26.373' GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 5696 ft. Landowner Details (Permission?): YES

HABITAT DATA

Habitat & Associated Species: Pinon, JUNIPER, Eriogonum sp., Achnatherum hymenoides, Artemisia sp (nova), cactus sp?, various grasses.

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

Land Form: Basin & Range Slope°: 0° - 60°

Land Use: open land Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: -

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

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

Family: Brassicaceae **No. of Plants Sampled:** 75

Genus: Stanleya **No. of Plants Found (approx.):** 100

Species: pinnata **Area Sampled (acres):** 3

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1 - 2.5

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No* 8/8/05

If not, enter details of collector, reference, where lodged, and date collected: SOSUT-11

0.302#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 1 cloth bag 0.036 0.267#

have ID

Common Name(s) of Plants: Princesplume

Photograph Taken: *Digital* *35mm* Reference: Stanleya pinnata July, 20, 05 Where Image will be Filed: RED BUTTE Garden

Seed Test/Packaging Record

SOSUT-93005-11

STPI-SOSUT-930-BEND51-05
Stanleya pinnata
desert princesplume
SNWC 267 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	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 96	REMARKS ENTERED
Moisture Content	
Seed Count 351,620	
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
96 % 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 — mostly broken or shriveled seed
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .004 gms
Wt. Of Clean Seed .129 gms
TOTAL (Impurities + Clean Seeds) .133 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).
.129
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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 = 1.29 = 1000 seed wt.
Seeds per Pound = 351,620

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.059	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.059

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
1·04·06	1210		226-test	AC
		1230	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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