BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: STPI
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 27/8/09 **Seed Collection Reference Number:** GBPMC-13

Collector(s): E. Cole, R. Bennett

Country: USA **Ecoregion** (T,O,B): 13-O Great Basin **State:** NV County: Churchill

Location Details: Elevenmile canyon in Stillwater range, approached from Dixie Valley. Road intersects Rt. 121 eight road miles north of the intersection with US. 50

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39°25'27.1"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 118°13'43.1"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 4701 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Spiny hopsage scrub
Grayia spinosa, Salsola tragus, Ericameria sp., Ephedra nevadensis, Achantherum hymenoides, Bromus tectorum, Krascheninnikiovia lanata

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

Land Form: Ravine Slope°: 2.5°

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

Geology: Igneous rocks

Soil Texture: *Clay* ***Silt*** ***Sand*** *Other:* ***gravel*** Soil Color: Light brownish grey 6/2

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

Family: Brassicaceae **No. of Plants Sampled** (min. 50): 67

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

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

Subspecies/Variety:

wrong species

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): 3 ft

Native plant materials development and research this accession will be used for: storage

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Yellow, four petaled flowers. Many caterpillars present on plants

Common Name(s) of Plants:

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): STPI_GBPMC-13_A Where Image will be Filed: GBPMC

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Cleaning Facility: Bend

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Common Name(s) of Plants: Panamint princesplume /P/n

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): STPI_GBPM C-13_A Where Image will be Filed: GBPMC

Seed Test/Packaging Record

SOS-GBPMC-13

STEL-SOS-GBPMC-13-09
Stanleya elata
Panamint princesplume
BLMS .632 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4/27/10 AC
OSU Sample Taken	# of pounds .21g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 82
Moisture Content 5.7
Seed Count 444,700

REMARKS

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

PURITY 97 or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
						—	—	26.8	5.7

X-Ray Results

82 % 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 .021 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .021 gms
Wt. of Clean Seed .606 gms
TOTAL (Impurities + Clean Seeds) .627 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97 %

SEEDS PER POUND

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

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

.099 .103 _____
_____ _____
TOTAL of ALL Reps: _____
Average: _____

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 = 1.02 = 1000 seed wt.
Seeds per Pound = 444,700

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.146

beg. bal .146
WRPIS — .030 # 10,000
New bal .116

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

DATE	Start	Stop	Process	Initials
4.27.10	0800		226-test	AC
		0835	2270-pkg	AC

✓	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____