PSSP- SLATE CREEK (4)

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

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

MSB Serial Number:
NRCS PLANTS Code: PSSP6
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 03 08 09 **Seed Collection Reference Number:** UT933-115

Collector(s): M. GREENWOOD, L. GREENWOOD

Country: USA Ecoregion (T, O, B): 19 State: UTAH County: GARFIELD

Location Details: HWAY 24 EAST THROUGH CAPITOL REEF NATIONAL PARK; TURN RIGHT (S.) ONTO NOTOM ROAD. CONTINUE S. TO SANDY RANCH, VEER LEFT ONTO HENRY MTN. Rd. TURN L. (N) ONTO MCCLELLAN SPRINGS RD. SEE MOUNT ELLEN QUAD MAP FOR SITE.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 02' 00" N GPS Used?: *Yes* (*No*) If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 110° 47' 31" W GPS Datum: *NAD83 NAD27 WGS84 Other:*

Elevation (feet): 9465' Landowner Details (Permission?): BLM - ADM.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: MOUNTAIN BRUSH/ASPEN OPENINGS. ASSOC. SPP.: POPULUS TREMULOIDES, JUNIPERUS SCOPULORUM, ABIES CONCOLOR, CERCOCARPOS LEDIFOLIUS, AMALANCHIER ALNIFOLIA, ARTEMISIA TRIDENTATA, CHRYSOTHAMNUS VICIDIFLORUS, HESPERO STIPA COMMATA, LUPINUS SERICEUS, POA FENDLERIANA, MACHAERANTHERA CANESCENS.

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

Land Form: MONTANE RIDGES/VALLEYS/BENCHES Slope°: 8°

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

Geology: COLORADO PLATEAU; LACOLITHIC (VOLCANIC) MONTANE UPLIFT. (HENRY MOUNTAINS)

Soil Texture: *Clay Silt Sand Other:* SILTY-CLAY LOAM Soil Color: VERY DARK GRAY BROWN HUE 10 YR; VALUE 3; CHROMA 2

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

1 bag

Family: POACEAE **No. of Plants Sampled** (min. 50): 200

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

Species: SPICATA **Area Sampled** (acres): .25

Subspecies/Variety: –

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

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

Native plant materials development and research this accession will be used for:
- GENERAL RESEARCH
- LONG-TERM STORAGE
- SITE REHAB.
- GERM PLASM STUDIES

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): TIMING OF HARVEST IS VERY TENACIOUS

Common Name(s) of Plants: BLUEBUNCH WHEATGRASS

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

Rec 8/14

Ext. Floor, West Racks

1 white woven

2.090#

PRIORITY

Vin 10/8

Seed Test/Packaging Record

SOS-UT933-115

PSSP6-SOS-UT933-115-09
Pseudoroegneria spicata
bluebunch wheatgrass
BLMS 2.09 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	10-24-09 AC
OSU Sample Taken	# of pounds .48g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90 % ?
Moisture Content 6.7 %
Seed Count 190,500

REMARKS Looks green/immature to me.

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

PURITY 97.7 % or NOXIOUS WEED only ___

ENTERED

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.
						—	70°	33.3	6.7

X-Ray Results

90 % 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: .033 gms
Wt. of Clean Seed 1.422 gms
TOTAL (Impurities + Clean Seeds) 1.455 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97.7 %

SEEDS PER POUND

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

.230 .244 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

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

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 2.38 = 1000 seed wt.
Seeds per Pound = 190,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.065	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.065

WRPIS .061 # ~10MPLS
+ .065
.126 # Total

ENTERED

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
10-24-09	1320		226-test	AC
		1405	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____