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: PSSPS
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 7/23/09 **Seed Collection Reference Number:** WY010-28

Collector(s): E. Verhoeven

Country: USA **Ecoregion** (T,O,B): 18 **State:** WY County: Big Horn

Location Details: Approx. 2 miles up 2-track that is at ~7mile mark on Crystal Creek Rd. 2-track splits off almost immediately from bentonite hall road and continues up bench, veer left to small hillock.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 44° 37'36.8"N GPS Used?: **Yes** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 108° 00'31.6" W GPS Datum: *NAD83* *NAD27* ***WGS84*** *Other:*

Elevation (feet): 4484 ft Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Xeric desert/shrub. Big Horn Basin scrub. *Artemisia tridentate spp. Wyomingensis, Poa secunda, Sarcobatus vermiculatus, Hesperostipa comate, Gutierrezia sarothrae, Halogeton glomeratus, Sporobolus spp., Acnatherum hymenoides, Sporobolus airoides, Atriplex gardnerii, Atriplex confertifolia, Opuntia polyacantha, Sphaeralcea coccinea, Phlox spp., Krascheninnikovia lanata*

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

Land Form: Hillock on low bench Slope°: 5-45°

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

Geology: Quaternary alluvium, Colluvium deposits, Cretaceous Cody formation (shale, gray sandstone), Meeteetsee formation (chalky white-gray sandstone, bentonitic claystone)

Soil Texture: *Clay* *Silt* *Sand* *Other:* ***sandy loam*** Soil Color: Munsell: 2.5Y 5/4

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

Family: Poaceae **No. of Plants Sampled** (min. 50): 400

Genus: Pseudoroegneria **No. of Plants Found (approx.):** 1000

Species: spicata **Area Sampled (acres):** 4

Subspecies/Variety: spicata

1 white woven 9/1

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 1-3'

Native plant materials development and research this accession will be used for: Fire rehab/reclamation

Please distribute to Bridger PMC

0.911
− .224
.687

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Presence of salt tolerant species in region; *Sporobolus airodes, Atriplex spp.*

Common Name(s) of Plants: Bluebunch

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): PSSP6_WY010-26_A,B,C Where Image will be Filed: WFO, WO, CD

Seed Test/Packaging Record

SOS-WY010-28

PSSPS-SOS-WY010-28-09
Pseudoroegneria spicata
Bluebunch wheatgrass
BLMS .68 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	5/4/10 AC
OSU Sample Taken	# of pounds .69g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 94
Moisture Content 5.0%
Seed Count 133,400

REMARKS ENTERED

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___
PURITY ~99 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.
						—		22.3	5.0

X-Ray Results

94 % 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: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~99 %

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).

.336 .341 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = 3.4 = 1000 seed wt.
Seeds per Pound = 133,400

ENTERED

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.	.072

beg bal .072
WRPIS ALL ~8,900
New bal 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5-4-10	1130		226-test	AC
		1210	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____