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: POSE
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 6/24/09 **Seed Collection Reference Number:** WY010-010

Collector(s): E. Verhoeven

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

Location Details: BLM 2-track 17394 west of West River. Behind to west and south of 10 Mile subdivision.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 44.084623 N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 107.974818 W GPS Datum: *NAD83* *NAD27* ***WGS84*** *Other:*

Elevation (feet): 4114' Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Xeric/desert shrub, Big Horn Basin shrub. *Alyssum desertorum, Bromus tecorum, Bromus arvensis, Eremopyrum triticeum, Artemisia tridentata* Nutt. ssp. *wyomingensis, Atriplex gardneri, Sarcobatus vermiculatus, Bouteloua gracilis, Pascopyrum smithii, Achnatherum hymenoides, Xylorhiza spp., Chrysothamus nauseosa, Allium spp., Castelleja spp., Pseudoroegneria spicata, Elymus elymoides, Picrothamus desertorum*

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

Land Form: alluvial plain adjacent to 10 mile creek Slope°: N/A

Land Use: Recreation, grazing Aspect: *N NE E SE S SW W NW*

Geology: Tertiary willwood formation (Variegated claystone, shale, and sandstone)

Soil Texture: *Clay* ***Silt*** ***Sand*** *Other:* Soil Color: Light brown/beige

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

Family: Poaceae **No. of Plants Sampled** (min. 50): ~500

Genus: Poa **No. of Plants Found (approx.):** >5,000

Species: Secunda **Area Sampled (acres):** ~5 acres

Subspecies/Variety:

☆ due to District 9/1/09

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 0.5-1.0'

Native plant materials development and research this accession will be used for: Internal reclamation, long term storage.

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

Common Name(s) of Plants: Sandberg bluegrass

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): POSE-WY010-010_A, B, C Where Image will be Filed: WFO, WO, CD

Seed Test/Packaging Record

PRIORITY

SOS-WY010-10

POSE-SOS-WY010-010-09
Poa secunda
Sandberg bluegrass
BLMS .94 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	8-20-2009 AC
OSU Sample Taken	# of pounds .11g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 96%
Moisture Content 6.8%
Seed Count 907,000

REMARKS

GERM ____ TZ OSU Strat Time: NC ____ 4C ____ 8C ____ 13C ____

ENTERED

PURITY 98.6 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.
						—	76°	35%	6.8

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
- Weeds _____ gms
- Noxious _____ gms

mykl 1 other seed
the rest = inerts

Wt. of All Impurities: .02 gms
Wt. of Clean Seed 1.44 gms
TOTAL (Impurities + Clean Seeds) 1.46 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98.6 %

SEEDS PER POUND

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

.050 .052 _____
_____ _____

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 (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 = .50 = 1000 seed wt.
Seeds per Pound = 907,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.074	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.074

ENTERED

WRPIS = .012# 10 mpls
+ .074
.086 Total wt

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
8-20-09	0920		226-test	AC
		1005	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS _____