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: ACHY
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 07/21/09 **Seed Collection Reference Number:** WY930-9

Collector(s): Melissa Schroeder, Emiliano Lopez, Destin Harrell

Country: USA **Ecoregion** (T,O,B): Mid Rockies #17 **State:** WY County: Big Horn

Location Details: Greybull Group; approximately 3-4 miles west on road 34; west of Greybull

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 44° 29' 42.07"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 108 ° 07'01.636"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): ~4000 Landowner Details (Permission?): BLM tract

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Atriplex gardnerii, Artemisia tridentata var. wyomingensis, Opuntia sp., Sporobolus cryptandrus, Halogeton glomerata, Bromus tectorum

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

Land Form: Gentle, rolling hills Slope°: 5

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other* *Loam* Soil Color: 7.5YR 6/2

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

Family: Poaceae **No. of Plants Sampled** (min. 50): 1000

Genus: Achnatherum **No. of Plants Found (approx.):** 20000

Species: hymenoides **Area Sampled (acres):** 25

Subspecies/Variety: NA

2 gro

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1.5

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

8.028
- .300
2.728 #

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Nothing uncommon about this species

Common Name(s) of Plants: Indian Ricegrass

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Achy_WY930_9_1&2 Where Image will be Filed: Plant tech folder

Seed Test/Packaging Record

SOS-WY930-9

ACHY-SOS-WY930-9-09
Achnatherum hymenoides
Indian ricegrass
BLMS 2.73 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	3-29-10 AC
OSU Sample Taken	# of pounds 1.13g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 93%
Moisture Content 6.3%
Seed Count 84,100

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.
						—	—	31.1	6.3

X-Ray Results

93 % 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).

.528 .546 _____
_____ _____

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 = 5.39 = 1000 seed wt.
Seeds per Pound = 84,100

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.	.491

ENTERED

beg bal .491
WRPIS - .131# 10,000
New bal .360

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-29-10	0905		226-test	AC
		940	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____