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:

Date(s) Collected (DD/MM/YY): 09/07/09 **Seed Collection Reference Number:** WY-030-39

Collector(s): S. Paavola and E. O'Leary Rawlins

Country: USA **Ecoregion (T,O,B):** WY Basin **State:** WY County: Carbon

Location Details: 13.1 miles from Standard Rd. on Powder Rim Rd., both sides of the road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 41°03'17.5"N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 108°08'31.92"W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 7341.469 Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Artemesia sp., Calochortus nuttalli, Sphaeralcea coccinea

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

Land Form: Grassy plain Slope°: 2%

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

Geology:

Soil Texture: *Clay* *Silt* ***Sand*** *Other:* Soil Color:

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

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

Genus: Achnatherum **No. of Plants Found (approx.):** 5000+

Species: hymenoides **Area Sampled (acres):** 10 acres

Subspecies/Variety: 4 paper Rec 7/23

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 1-1.5ft

Native plant materials development and research this accession will be used for: Reclamation 0.439 − .072 .345

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Grass with awns about 7 mm or less (A. contractum has awns about 10mm+) Tot H

Common Name(s) of Plants: Rice Grass

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): WY-030-39_A, WY-030-39_B, WY-030-39_C Where Image will be Filed: Mary Byrne

Seed Test/Packaging Record

SOS-WY030-39

ACHY-SOS-WY030-39-09
Achnatherum hymenoides
Indian ricegrass
BLMS .345 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 3-8-10 AC
OSU Sample Taken	# of pounds: ~6 g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 95%
Moisture Content 6-0
Seed Count 160,200

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.
						—		28.1	6.0

X-Ray Results

51% 1st try – then kathie blew it out
95 → % 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).

.282 .283 _____
_____ _____

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 = 2.83 = 1000 seed wt.
Seeds per Pound = 160,200

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.	.032

ENTERED

beg bal .032
WRPIS ALL ~4,800
New bal 0

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-8-10	1115		226-test	AC
		~1200	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____