ACHY SITE 1 - HENRY MTN. RD. (OFF OF NOTOM Rd.)

UT933-17

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: ACHY
Cleaning Facility: Pullman, WA

Date(s) Collected (DD/MM/YY): 20 06 08 **Seed Collection Reference Number:** BLM-CPFO-

Collector(s): MELINDA GREENWOOD, LARRY GREENWOOD

Country: USA **Ecoregion** (T, O, B): 29 **State:** UTAH **County:** GARFIELD

Location Details: OFF NOTOM Rd., EAST TO HENRY MTN. Rd.) TAKE EAST (LEFT) FORK AT SANDY RANCH, 2.7 mi. PAST SANDY RANCH EAST TOWARD HENRY MTNS. COLLECTIONS MADE 50-100 FT. EAST OFF ROAD ON A BENCH

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 06' 04" N **GPS Used?:** *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 02' 31" W **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 5230' **Landowner Details (Permission?):** BLM - CPFO AREA

HABITAT DATA STHY

Habitat, Associated Species & Ecological Site Descriptor: PLATEAUS ABOVE EPHEMERAL STREAMS. COLORADO PLATEAU GRASSLANDS STIPA HYMENOIDES, CHRYSOTHAMNUS NAUSEOSUS, ERIOGONUM, CRYPTANTHA FLAVA, SARCOBATUS VERMICULATUS, SPHAERALCEA PARVIFLORA, STIPA COMATA, HILARIA JAMESII, GUTIERREZIA MICROCEPHALA, SALSOLA KALI, BROMUS TECTORUM

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:* WINTER RANGE BOVINE

Land Form: SEMI-ARID SILT SLOPE ATOP PLATEAU **Slope°:** 60

Land Use: WINTER GRAZING BOVINE WILDLIFE RANGE **Aspect:** N NE E SE S SW W NW

Geology: SEDIMENTARY SHALE, SANDSTONE, SOME COVER SILTS

Soil Texture: *Clay* *Silt* *Sand* *Other:* **Soil Color:** ARIDISOLS - PALE BROWN HUE 10 YR; VALUE 5, CHROMA 3

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

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

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

Species: HYMENOIDES **Area Sampled** (acres): 5

Subspecies/Variety: —

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: RESSARCH

SOME LONG TERM STORAGE

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): FORMERLY ORYZOPSIS HYMENOIDES; DECIDUOUS AWN, LONG & SHARP CALLUS; LONG HAIRY LEMMA; SHORT & ROUNDED CARYOPSIS. PLANT DENSELY TUFTED. WHEN WINTER GRAZED, OLD LEAF BASES PERSIST. ODOR = LINSEED OIL

Common Name(s) of Plants: Indian ricegrass

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

accession # 3081

1 white

6.815
.224
6.591#

SOSUT-93308-58

ACHY-SOSUT-933-17-HENRYMTN-08
Achnatherum hymenoides
Indian ricegrass
BLMS 6.59 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4/20/09 AF
OSU Sample Taken	# of pounds 1.19	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 85%
Moisture Content 6-07.
Seed Count 82,900

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.
						—	70°	28.0	6-0

X-Ray Results

85 % 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).

.549 .540 _____
_____ _____

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 = 5.47 = 1000 seed wt.
Seeds per Pound = 82,900

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	1.357	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	1.357

* .146# PPMC 10M PLS
1.503

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4.20.09	1120		226-test	AC
		1150	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____