~~072417A~~ 072417A

BLM SEEDS OF SUCCESS FIELD DATA FORM

Please use BLOCK CAPITALS

Please complete all the priority fields labeled in **bold**.

Please circle relevant descriptions shown in *italics*.

MSB Serial Number:

Date Collected (DD/MM/YY): 24/07/02 **Seed Collection Reference Number:** GSENM-021

Collector(s): Sara Bartlett

Country: USA **Ecoregion:** Colorado Plateau **State:** Utah **County:** Kane

Location Details: Coral Pink Sand Dunes Scenic Backway. Entrance to Coral Pink Sand Dunes. left side of road, walked trail 50ft then headed N.E.

Lat. (dg/min/sec): N37°05'09" GPS Used? (Yes/No): yes If no, please see other side. T43S R4W S13

Long. (dg/min/sec): W112°40'22' GPS Datum: *NAD27* *Other:*

Elevation ~~(feet)~~: 1913 m

HABITAT DATA

Habitat & Associated Species: Very Sandy Dunes. Wyethia scabra, Artemisia tridentata var. tridentata, Mulhenbergia asperifolia, Juniperus osteosperma, Reverchonia arenaria, Yucca sp., Pinus ponderosa, Tradescantia occidentalis

Modifying Factors: *Mown* *Burnt* *Grazed* *Flooded* *Seeded* *Trampled* *Other:*

Land Form: Sand Dunes Slope°: 0-5°, 5-10°

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

Geology: Navajo sandstone

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

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

Family: Poaceae **No. of Plants Sampled:** 100

Genus: Achnatherum **No. of Plants Found (approx.):** 500

Species: hymenoides **Area Sampled (sq. yards):** 1,000

Subspecies/Variety: **No. of Pressed Specimens:** 4

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

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

Does the pressed specimen have the same reference as the seed collection? (Yes/No): Yes

If not, enter details of collector, reference, where lodged, and date collected:

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

Common Name(s) of Plants: Indian Rice Grass

Photograph Taken: *Digital* *35mm* Reference: GSENM-021 Where Image will be Filed: GSENM-Kanab

INHOUSE TESTS

LONG CODE: ACH4-51-GSENM-021-02 SHORT CODE: SOS-5102-47

MOISTURE CONTENT (use one of four methods below)

OVEN TEST *Moisture Content in Grams*

Wt. Of wet seeds	
Wt. Of dry seeds	
Wt. Difference	
M.C. = (Difference) / (Wt of wet seeds) X 100	
(use 6-8 grams, depending on seed size)	

MOISTURE ANALYZER

Temp °C	Time Used	% M.C.

DOLE METER

	Dial Reading	M.C.	Grams
1)			
2)			

DICKEY JOHN

Grain Type	# Gms	Chart Data	M.C.
1)			
2)			

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 Seeds _____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 average of samples data is acceptable.

Weigh to three decimal places when possible

Wt. Of 5 reps of 100 seeds each (in grams)

0.174
0.240
0.271
.228
.250

TOTAL of ALL reps 1.163

AVERAGE _____

Difference between max & min wt. _____

10 % of average _____

NOTE: SEEDS PER POUND = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 X Total of 5 reps = 2.326 = 1000 seed Wt

Seeds per Pound = 195,000 (Round to nearest hundred)

DATE: 9/10/02

INITIALS: AC

— 10-20 Seeds Taken for ID Card File

— Sheila's file

30 % FILLED SEED FROM 100 SEED X-RAY

POSTED TO : LOT COMPLETION LOG ✓ COMPUTER ENTERED

SEED DRYING and PACKAGING LOG SHEET

SOURCE CODE: ACHY-51-GSENM021-02 **SHORT CODE:** SOS-5102-47

DRYING: after extraction & prior to FINAL PACKAGING
DRYSD = 225

Date	Barrells Rec'd	Initials	Pre-Moist. Content	Temp in C.	Final Moist. Content	NOTES/REMARKS

PRE-PACKAGING CHECKLIST **TESTS: OSU or INHOUSE**

Tag Count Complete	# of Tags	Date/Initials	GERM — or TZ —	NC__ 4C__ 8C__ 13C__
	0	9/10/02 AC	PURITY 99%	REMARKS
Sample Taken	# of Grams	—	SEED WEIGHT 195,000	
	—	—	MOISTURE CONT. —	
Sample Sent	—		100-Seed X-RAY 30%	

DESTRUCTION: seed destroyed due to low germ, bugs, unknown source, etc.
SDDEST = 249

Date	Weight	Oked by Client Name	Reason for destruction

FINAL PACKAGING for Seed Storage
WEIGH = 231

DATE	Initial	Box #	Box Wt. In LBS.	Date sent to BSE storage	REMARKS
9/10/02	AC	1	0.020		
		2			
		3			
		4			ENTERED
		5			
		6			
		7			set up fee $10.00
		8			
		9		ENTERED	SEEDBANK LOCATION
TOTAL Weight of Seedlot:			0.020		

SEED TRANSFER: seed needed ASAP for sowing &/or prior to computer record entry.
Purpose: sowing = 246, 247, or 248; storage = 255, other

Date	Initial	# of Pkgs	Wt. Shipped	Method of Shipment	PURPOSE CODE/REMARKS