GPS File 7/17A

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): 17/07/02 **Seed Collection Reference Number:** GSENM-018

Collector(s): Laura Pfenninger, Holly Beck

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

Location Details: Coral Pink Sand Dunes State Park. Burned area along the Coral Pink Sand Dunes Scenic Backway, T43S R8W S23

Lat. (dg/min/sec): N 4102834 **GPS Used? (Yes/No):** Yes **If no, please see other side.**

Long. (dg/min/sec): W 348339 **GPS Datum:** (NAD27) *Other:*

Elevation (feet): 1866

HABITAT DATA

Habitat & Associated Species: Open sandy valley. Previously burned and currently forb dominated. Adjacent to sand dunes. Associated species are Rhus trilobata, Psoralidium lanceolatum, Sophora stenophylla, and Artemisia filifolia

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

Land Form: Valley bottom **Slope°:** 0-5

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

Geology: unknown

Soil Texture: *Clay Silt* (*Sand*) *Other:* **Soil Color:** orange-brown

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

Family: Malvaceae **No. of Plants Sampled:** 300

Genus: Sphaeralcea **No. of Plants Found (approx.):** 5,000 +

Species: parvifolia **Area Sampled (sq. yards):** 5625

Subspecies/Variety: **No. of Pressed Specimens:** 8

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

Plant Habit: *Tree Shrub* (*Forb*) *Succulent Grass/Grasslike* **Plant Height (feet):** 1-2

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): SPPA2 ← Smallflower NC 7/19/02

Common Name(s) of Plants: small-leaf globemallow

Photograph Taken: *Digital* *35mm* **Reference:** GSENM-018 **Where Image will be Filed:** GSENM

INHOUSE TESTS

LONG CODE: SPPA2-51-GSENM018-02 SHORT CODE: SOS-5102-41

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: .181 gms.

Wt. Of Impurities:

- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. Of All Impurities 0.022 gms.

Wt. Of Clean Seeds .159 gms.

TOTAL (Impurities + Clean Seeds) .181 gms.

Percent purity (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 88 %

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)

0.080

0.079

_____

_____

_____

TOTAL of ALL reps 0.3975

AVERAGE 0.0795

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 = 0.795 = 1000 seed Wt

Seeds per Pound = 570,600

Round to nearest hundred

DATE: 9-9-02

INITIALS: AC

N 10-20 Seeds Taken for ID Card File

N Sheila's file

88 % FILLED SEED FROM 100 SEED X-RAY

POSTED TO : LOT COMPLETION LOG ✓ COMPUTER ENTERED

SEED DRYING and PACKAGING LOG SHEET

SOURCE CODE: SPPA2-51-GSENMØ18-02 **SHORT CODE:** SOS-5102-41

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	9/9/02 AC	PURITY 88%	REMARKS
Sample Taken	# of Grams		SEED WEIGHT 570,600	
	—	—	MOISTURE CONT. —	
Sample Sent	—		100-Seed X-RAY 88%	

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
9.9.02	AC	1	0.016		
		2			
		3			
		4			
		5			
		6			ENTERED
		7			
		8			setup fee $1.00
		9			SEEDBANK LOCATION
TOTAL Weight of Seedlot:			0.016	ENTERED	

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