MSB Serial Number: _____
NCRS PLANTS Code: SPRU2
Storage Facility: Bend
Date Collected: 22 MAY 2007
Seed Collection Reference Number: AZ930-0204
Collector(s): Johnson, J., Gray, M.
MALVACEAE
Sphaeralcea rusbyi

Country: United States **Ecoregion**: 23, Sonoran Desert
State: Arizona **County**: Yavapai
City/Town/Park: Agua Fria National Monument **Geographic Area**: Perry Mesa
Location Details: Agua Fria National Monument. Bloody Basin Road. 8.2 Miles from junction with Interstate 17.
Lat. (dg/min/sec): 34° 14' 15.9" N **Long. (dg/min/sec)**: 112° 02'03.4" W
GPS: NAD83
Landowner Details (Permission): BLM (yes)
Altitude: 3720 FT
Associated Species: *Prosopis velutina,Acacia greggii,Opuntia engelmannii,Opuntia whipplei,Pleuraphis mutica,Hordeum pusillum,Erodium cicutarium*
Habitat: Semi-desert Grassland, #
Modifying Factors: None
Land Form: Mesa **Aspect**: All
Land Use: Multiple Use **Slope**: 0°
Geology: Igneous Basalt
Soil: Brown, Clay and Silt
No. of Plants Sampled and Misc.: 100 plants sampled
No. of Plants Found: ca 300
Area Sampled: .25 MI
Seeds Collected From: seed - many individuals, plant
Description: Flower Orange. Height: 1'
Common Name(s): rusby's globemallow
Photograph (to be send electronically to SOS National Office) file name: SPRU2-AZ930-0204-A,SPRU2-AZ930-0204-B,SPRU2-AZ930-0204-C

19 Boc
0.525
.150
.375

Identification
Johnson, J. -DES, In Herbarium, May, 25, 2007
Herbarium Vouchers
Does the pressed specimen have the same reference as the seed collection? **Yes** No
No. of Herbarium Vouchers: 1-sent to Smithsonian

a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.

SOSAZ.93007-08

Seed Test/Packaging Record

SOSAZ-93007-08

SPRU2-SOSAZ-930-0204-07
Sphaeralcea rusbyi
Rusby's globemallow
SNWC .375 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	2-19-08 AC
OSU Sample Taken	# of pounds .226g	
Sample Sent	Y / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 92
Moisture Content
Seed Count 405,000

REMARKS

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 99% or NOXIOUS WEED only ____

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-Ray Results

92 % 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).

.113 .110 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 435600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 1.12 = 1000 seed wt.
Seeds per Pound = 405,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.107	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.107

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-19-08	1230		226-test	AC
		1255	2270-pkg	

	need ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____