

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: FOSP2
 Storage Facility: Bend
 Date Collected: 11 JUN 2007
 Seed Collection Reference Number: AZ930-0212
 Collector(s): Johnson, J., Gray, M.
 FOUQUIERIACEAE
Fouquieria splendens

Country: United States Ecoregion: 23, Sonoran Desert
 State: Arizona County: Gila
 City/Town/Park: Tonto National Forest Geographic Area: Tonto Creek
 Location Details: Tonto National Forest. Tonto Creek. Forest Road 417. 5 miles east of junction with State Route 87. 0.5 miles on trail to narrows.
 Lat. (dg/min/sec): 34° 7'34.3" N Long. (dg/min/sec): 111° 15'5.2" W
 GPS: NAD83

151
 .151

 302

Landowner Details (Permission): USFS (yes)
 Altitude: 2977 FT
 Associated Species: *Juniperus sp.*, *Carnegia gigantea*, *Simmondsia chinensis*, *Prosopis velutina*, *Acacia greggii*, *Opuntia engelmannii*, *Dasyllirion wheeleri*, *Dodonaea viscosa*, *Plantago patagonica*

Habitat: Sonoran Desertscrub - Arizona Upland Division,
 Modifying Factors: None
 Land Form: Hillside Aspect: Northwest

Slope: 0 - 30°

Rec 6/20/07
 2 gwr
 3,877#
 - 302

 3,575

Land Use: Recreation
 Geology: Metamorphic
 Soil: Tan, Silt and Sand
 No. of Plants Sampled and Misc.: 50 plants sampled
 No. of Plants Found: 150
 Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant
 Description: Red flowers. Height: 10 - 15'
 Common Name(s): ocotillo

Photograph (to be send electronically to SOS National Office) file name: FOSP2-AZ930-0212-A,FOSP2-AZ930-0212-B

Identification

Johnson, J. - DES, In field, June, 11, 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.
- c. All herbarium duplicates will be sent to -- Smithsonian -- herbarium that has agreed to arrange labeling, verification and distribution.

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

Regional Herbarium:

Local Herbarium:

Seed Test/Packaging Record

SOSAZ-93007-16

FOSP2-SOSAZ-930-0212-07
 Fouquieria splendens
 ocotillo
 SNWC 3.575 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	
Sample Sent	Y / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray _____	REMARKS
Moisture Content _____	
Seed Count _____	
GERM ____ TZ ____ Strat Time: NC ____ 4C ____ 8C ____ 13C ____	
PURITY ____ 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

_____ % Filled
Results from Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ _____ %
• Weeds _____ gms	
• Noxious _____ gms	

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).

0.566
.557
 TOTAL of ALL Reps: _____
 Average: _____

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

NOTE: Seeds/Pound = $\frac{435600}{1000 \text{ seed wt.}}$

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

2 x Total of 5 reps = _____ = 1000 seed wt.

Seeds per Pound = _____

FINAL PACKAGING for Seed Storage/Transfer

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

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
			226-test	
			2270-pkg	

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook _____ Computer NMIS _____