

SEEDS



OF SUCCESS

MSB Serial Number: \_\_\_\_\_  
 NCRS PLANTS Code: AGSC3  
 Storage Facility: Bend  
 Date Collected: 07 AUG 2007 ✓  
 Seed Collection Reference Number: AZ930-220  
 Collector(s): Johnson, J., Gray, M.  
 AGAVACEAE  
*Agave schottii*

PRE-COLLECTION CHECKLIST

Country: United States      Ecoregion: 23, Sonoran Desert  
 State: Arizona      County: Pima  
 City/Town/Park: Coronado National Forest      Geographic Area: Santa Catalina Mountains

Location Details: Coronado National Forest. Molino Canyon. Arizona Trail. 1 mile northeast of Molino Canyon Campground.

Lat. (dg/min/sec): 32° 20' 9.2" N      Long. (dg/min/sec): 110° 40' 50.2" W

GPS: NAD83

Landowner Details (Permission): USFS (yes)

Altitude: 4615 FT

Associated Species: *Quercus oblongifolia*, *Juniperus deppeana*, *Vauquelinia californica*, *Arctostaphylos pungens*, *Fouquieria splendens*, *Ericameria laricifolia*, *Dalea pulchra*

Habitat: Semi-desert Grassland,

Modifying Factors: None

Land Form: Mountain

Aspect: All

Land Use: Recreation

Slope: 0-60°

Geology: Granitic

Soil: Gray, Sand and Silt

No. of Plants Sampled and Misc.: 60 plants sampled

No. of Plants Found: 1000

Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant

Description: Height: unbranched flower stalk to 9'

Common Name(s): schott's century plant

Photograph (to be send electronically to SOS National Office) file name: AGSC3-AZ930-220-A, AGSC3-AZ930-220-B, AGSC3-AZ930-220-C

Identification

Johnson, J. - DES, In field, August, 10, 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:

[Empty box for Regional Herbarium]

Local Herbarium:

[Empty box for Local Herbarium]

1900  
 Rec 8/20  
 1.837  
 150  
 1.687

X

# Seed Test/Packaging Record

**SOSAZ-93007-19**

AGSC3-SOSAZ-930-220-07

Agave schottii

Schott's

SNWC

1.685 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	3/24/08 AC
OSU Sample Taken	# of pounds	
	.58g	
Sample Sent	Y/N	
	(Y) N	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>90/25</u>	REMARKS does not xray well?!  <b>ENTERED</b>	
Moisture Content			
Seed Count	<u>158,000</u>		
GERM	___	TZ <u>OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>98</u>	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

90/25 % Filled *-cut seed*

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.066</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>3.135</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>3.201</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>98</u> %
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

Weight to three decimal places, when possible  
Wt. of 5 reps of 100 seeds each (in grams).

.285 .288

TOTAL of ALL Reps: \_\_\_\_\_

Average: \_\_\_\_\_

\*\* NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

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 = 2.87 = 1000 seed wt.

Seeds per Pound = 158,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.385</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.385</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3-24-08</u>	<u>1520</u>		226-test	<u>AC</u>
		<u>1545</u>	2270-pkg	<u>AC</u>

got it ID card file sample  
Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS