

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: AGPA4
 Storage Facility: Bend
 Date Collected: 22 SEPT 2008
 Seed Collection Reference Number: AZ930-267
 Collector(s): Johnson, J., King, M.
 AGAVACEAE
Agave parryi

Country: United States Ecoregion: 23, Sonoran Desert
 State: Arizona County: Coconino
 City/Town/Park: Coconino National Forest Geographic Area:
 Location Details: Schnebly Hill Road, (Forest Service Road 153), 5.1 miles west of junction
 with Interstate 17.
 Lat. (dg/min/sec): 34° 53' 23.0" N Long. (dg/min/sec): 111° 41' 53.5" W
 GPS: NAD83
 Landowner Details (Permission): USFS (yes)
 Altitude: 6000 FT
 Associated Species: *Juniper deppeana*, *Juniperus sp.*, *Pinus edulis*, *Pinus ponderosa*, *Quercus*
turbinella, *Cercocarpus montanus*, *Bouteloua curtipendula*, *Opuntia macrorhiza*.
 Habitat: Petran Montane Conifer Forest
 Modifying Factors: Grazed
 Land Form: Hills Aspect: All
 Land Use: Recreation Slope: 0-20°
 Geology: Basaltic lava flows
 Soil: 2.5YR4/4
 No. of Plants Sampled and Misc.: 50 plants sampled
 No. of Plants Found: 200
 Area Sampled: 4A

10/7

Seeds Collected From: seed - many individuals, plant
 Description: Height: Basal rosette 1.5 feet, flowering stalk, 15-20 feet
 Common Name(s): parry's agave



Photograph (to be send electronically to SOS National Office) file name: AGPA4-AZ930-267-A, AGPA4-AZ930-267-B, AGPA4-AZ930-267-C

1 cloth +

1 gmc

Identification

Johnson, J. - DES, In herbarium, Sept 10, 2008

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.

4.730#

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:

[Box for Local Herbarium with handwritten initials]

4,880
 .151
 4735

SOSAZ-93008-28

AGPA4-SOSAZ-930-267-08

Agave parryi
Parry's agave

BLMS

4.73 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>2</u>	Date/Initials <u>1/14/09</u> <u>AC</u>
OSU Sample Taken	# of pounds <u>1.5g</u>	
Sample Sent	Y/N <u>Y</u>	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>95%</u>	REMARKS <u>beautiful</u>
Moisture Content	<u>5.5%</u>	
Seed Count	<u>58,900</u>	
GERM	<u>—</u>	TZ <u>OSU</u> Strat Time: NC <u>4C</u> <u>8C</u> <u>13C</u>
PURITY	<u>99%</u>	or NOXIOUS WEED only <u>—</u>

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
						<u>—</u>	<u>70°</u>	<u>25.4</u>	<u>5.5</u>

X-Ray Results

<u>95</u> % Filled
Results from <u>100</u> 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 = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 99} \%$
• 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).

.773 .766

TOTAL of ALL Reps: _____

Average: _____

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

NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

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

2 x Total of 5 reps = 7.70 = 1000 seed wt.

Seeds per Pound = 58,900

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.615</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.615</u>

* PPMC -181# ~19,000 PLS

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>1-14-09</u>	<u>1100</u>		226-test	<u>AC</u>
			2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS