

MSB Serial Number: _____
NCRS PLANTS Code: ARAD
Storage Facility: Bend
Date Collected: 15 MAY 2007
Seed Collection Reference Number: AZ930-0200
Collector(s): Johnson, J., Gray, M.
POACEAE
Aristida adscensionis

Ree 6/06/07 from
Jennifer Johnson
Desert Botanical Garden
1201 N. Galvin Pkwy
Phoenix, AZ 85008
480.941.1225

Country: United States Ecoregion: 23, Sonoran Desert
State: Arizona County: Pima County
City/Town/Park: Coronado National Forest Geographic Area: Santa Catalina
Mountains
Location Details: Coronado National Forest. Catalina Highway to Bugsprings Trail.
Lat. (dg/min/sec): 32° 20' 42.2" N Long. (dg/min/sec): 110° 43' 05.4" W

GPS: NAD83

Landowner Details (Permission): USFS (yes)

Altitude: 4966 FT

Associated Species: *Quercus sp.*, *Arctostaphylos pungens*, *Ericameria
laricifolia*, *Baccharis sarothroides*, *Dasyllirion wheeleri*, *Nolina sp.*, *Agave
schottii*, *Muhlenbergia emersleyi*

Habitat: Sonoran Desert Scrub, Apache Highlands, #

Modifying Factors: Burned

Land Form: Mountain

Aspect: All

Land Use: Recreation

Slope: 40°

Geology: Granitic

Soil: Tan, Silt, Sand

No. of Plants Sampled and Misc.: 300 plants sampled

No. of Plants Found: > 1000

Area Sampled: 2 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 8"

Common Name(s): sixweeks threeawn

Photograph (to be send electronically to SOS National Office) file name: ARCAG-
AZ930-0200-A, ARCAG-AZ930-0200-B, ARCAG-AZ930-0200-C

Identification

Johnson, J. -DES, In Field, 8, May, 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

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

Sosa 2.93007-05

1915
2016
0.278
1.5
1.27

Seed Test/Packaging Record

SOSAZ-93007-05

ARAD-SOSAZ-930-0200-07
 Aristida adscensionis
 sixweeks threeawn
 SNWC .125 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>1</u>	Date/Initials
OSU Sample Taken	# of pounds <u>-18g</u>	
Sample Sent	Y/N <u>Y</u>	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>~75</u>	REMARKS ENTERED
Moisture Content		
Seed Count	<u>521,300</u>	
GERM	<u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>	
PURITY	<u>90</u> or NOXIOUS WEED only <u>—</u>	

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

<u>~75</u> % Filled	Conf. w/ cut seed
100 Seed X-Ray	

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.027</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>-261</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>-288</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = $ <u>90</u> %
• Weeds _____ gms	
• Noxious _____ gms	

broken seed + misc. the awns held on to.

SEEDS PER POUND

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

<u>.087</u>	<u>.086</u>	_____
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 = $\frac{435600}{1000 \text{ seed wt.}}$

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

2 x Total of 5 reps = .87 = 1000 seed wt.

Seeds per Pound = 521,300

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.046</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.046</u>

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3.26.2008</u>	<u>1530</u>		226-test	<u>AC</u>
		<u>1600</u>	2270-pkg	<u>AC</u>

<u>done</u>	<u>need</u>	ID card file sample
		Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____