

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: PLMU3

Storage Facility: Bend

Date Collected: 04 SEP 2007

Seed Collection Reference Number: AZ930-222

Collector(s): Rice, K., Gray, M.

POACEAE

Pleuraphis mutica

REC 10/16/07

-557 #

lge grocery

0.708

- .151

.557

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. 9 miles east of 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: *Juniperus sp.*, *Prosopis velutina*, *Acacia greggii*, *Gutierrezia sp.*, *Opuntia engelmannii*, *Opuntia whipplei*, *Bothriochloa barbinodis*, *Leptochloa panicea ssp. brachiata*

Habitat: Semi-desert Grassland,

Modifying Factors: None

Land Form: Mesa

Aspect: All

Land Use: Multiple Use

Slope: 0°

Geology: Igneous basalt

Soil: Brown, Silt and Clay

No. of Plants Sampled and Misc.: 2000 plants sampled

No. of Plants Found: > 5000

Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 18"

Common Name(s): tobosagrass

Photograph (to be send electronically to SOS National Office) file name: PLMU3-AZ930-222-A, PLMU3-AZ930-222-B, PLMU3-AZ930-222-C

Identification

Johnson, J. - DES, In field, May, 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

- 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 distribution.
- 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

PRIORITY

SOSAZ-93007-20

PLMU3-SOSAZ-930-0222-07
 Pleuraphis mutica
 tobasagrass
 BLMS .555 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	12/12/07
OSU Sample Taken	# of pounds	AC
	0.229	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>95</u>	REMARKS  ENTERED
Moisture Content	<u> </u>	
Seed Count	<u>420,000</u>	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>96</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

95 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: <u> </u> gms	Wt. of All Impurities: <u>0.1</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>0.220</u> gms
• Crops <u> </u> gms	TOTAL (Impurities + Clean Seeds) <u>0.230</u> gms
• Inerts <u> </u> gms <i>flower parts</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{96} \%$
• Weeds <u> </u> gms	
• Noxious <u> </u> gms	

SEEDS PER POUND

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

.107 .108

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

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

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

Seeds per Pound = 420,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>066</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>066</u>

Transaction Fee:

Seedbank Location

SEED TRANSFER Log Number <u>0251408</u>			
Date	Wt. Shipped	Ship via	Purpose Remarks
<u>1/4/08</u>			

DATE	Start	Stop	Process	Initials
<u>12/12/07</u>	<u>1235</u>		226-test	<u>AC</u>
		<u>1300</u>	2270-pkg	<u>AC</u>

<u>OK</u>	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS