SEEDS OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: PLMU3
Storage Facility: Bend
Date Collected: 18 JUN 2008
Seed Collection Reference Number: AZ930-253
Collector(s): Johnson, J., King, M.
POACEAE
Pleuraphis mutica

Country: United States **Ecoregion**: 23, Sonoran Desert
State: Arizona **County**: Yavapai
City/Town/Park: Agua Fria National Monument **Geographic Area**: Sycamore Mesa
Location Details: Agua Fria National Monument. Dugas Road, 0.2 miles east of Interstate 17. Forest Service Road 68C, 0.3 miles south of Dugas Road.
Lat. (dg/min/sec): 34° 23' 44.1" N **Long. (dg/min/sec)**: 112° 04'08.5" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 3827 FT
Associated Species: *Prosopis velutina,Acacia greggii,Erodium cicutarum,Bromus rubens,Opuntia phaecantha,Krameria erecta,Gutierrezia sarothrae,Sphaeralcea rusbyi,Echinocereus engelmannii.*
Habitat: Semidesert Grassland
Modifying Factors: None
Land Form: Mesa **Aspect**: All
Land Use: Multiple Use **Slope**: 0-3°
Geology: Basalt
Soil: 7.5YR3/4
No. of Plants Sampled and Misc.: 200 plants sampled
No. of Plants Found: >5000
Area Sampled: 4 A
Seeds Collected From: seed - many individuals, plant
Description: Height: 1 Foot
Common Name(s): tobosagrass
Photograph (to be send electronically to SOS National Office) file name: PLMU3-AZ930-252-A, PLMU3-AZ930-252-B, PLMU3-AZ930-252-C
Identification
Johnson, J. - DES, In field, June 17, 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.**

Rec 6/25/08
19 pkt
0.370#

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:

AZ-16

SOSAZ-93008-16

PLMU3-SOSAZ-930-253-08
Pleuraphis mutica
tobasagrass
BLMS .37 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	2/17/09
OSU Sample Taken	# of pounds .1109	AC
Sample Sent	Y/ N	100 seeds only

Test Results: Both in-house and/or OSU

100 Seed X-ray 92% ✓
Moisture Content too few
Seed Count 416,100

REMARKS ENTERED

GERM ____ TZ OSU 100 seeds Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 97 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.
			too few seeds		

X-Ray Results

92 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .006 gms
Wt. of Clean Seed .218 gms
TOTAL (Impurities + Clean Seeds) .224 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97 %

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).

.109 _____ _____ _____ _____

TOTAL of ALL Reps: _____
Average: _____

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

NOTE: Seeds/Pound = 453600 (453.6 grams = 1 pound)
1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 1.09 = 1000 seed wt.
Seeds per Pound = 416,100

Entire Lot! will it go to PPMC ??

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.001	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.001

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2/17/09	1440		226-test	AC
		1510	2270-pkg	AC

	ID card file sample
	Inventory card completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____