

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: NOTE2

Storage Facility: Bend

Date Collected: 14 MAY 2008

Seed Collection Reference Number: AZ930-243

Collector(s): Johnson, J., Gray, M.

LILIACEAE

Nothoscordum texanum

see
6/18/08

Country: United States

Ecoregion: 23, Sonoran Desert

State: Arizona

County: Yavapai

City/Town/Park: Agua Fria National Monument

Geographic Area: Black Mesa

Location Details: Agua Fria National Monument. North block of Black Mesa. BLM Route 9006, 1.3 miles east of junction with Interstate 17.

Lat. (dg/min/sec): 34° 12' 17.0" N Long. (dg/min/sec): 112° 06' 21.9" W

GPS: NAD83

Landowner Details (Permission): BLM (yes)

Altitude: 3495 FT

Associated Species: *Juniperus sp.*, *Prosopis velutina*, *Acacia greggii*, *Pleuraphis mutica*, *Gutierrezia sarothrae*, *Hordeum pusillum*, *Erodium cicutarium*, *Chamaesyce sp.*, *Microseris lindleyi*, *Opuntia engelmannii*, *Amsinckia sp.*, *Ambrosia confertiflora*

Habitat: Semidesert Grassland

Modifying Factors: Grazed

Land Form: Mesa

Aspect: All

Land Use: Multiple Use

Slope: 0-15°

Geology: Basalt

Soil: 5YR5/2 Pale brown, silt >> clay

No. of Plants Sampled and Misc.: 2,000 plants sampled

No. of Plants Found: >5000

Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 4-10"

Common Name(s): texas false garlic

Photograph (to be send electronically to SOS National Office) file name: NOTE2-AZ930-243-A, NOTE2-AZ930-243-B, NOTE2-AZ930-243-C

Identification

Johnson, J. - DES, In field, May, 14, 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.**

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:

SOSAZ - 09

SOSAZ-93008-09

NOTE2-SOSAZ-930-243-08
 Nothoscordum texanum
 Texas false garlic
 BLMS .65 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	12/3/08
OSU Sample Taken	# of pounds	AC
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	91%	REMARKS ENTERED
Moisture Content	6.37	
Seed Count	132,600	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>99%</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.
			70°	31"	6.3

X-Ray Results

91 % Filled
Results from 100 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: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{99} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.338 .343

TOTAL of ALL Reps: _____
 Average: .342

** 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.
 $2 \times \text{Total of 5 reps} = \underline{3.42} = 1000 \text{ seed wt.}$
 Seeds per Pound = 132,600

084# TO PPMC

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.189</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.189</u>

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>12/3/08</u>	<u>1415</u>		226-test	<u>AC</u>
		<u>1500</u>	2270-pkg	<u>AC</u>

<input checked="" type="checkbox"/>	ID card file sample
<input checked="" type="checkbox"/>	Inventory Card completed

POSTED TO: Lot Completion Logbook Computer NMIS