

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: TRMU
Storage Facility: Bend
Date Collected: 23 SEPT 2008
Seed Collection Reference Number: AZ930-268
Collector(s): Johnson, J., King, M.

POACEAE
Tridens muticus

Country: United States Ecoregion: 23, Sonoran Desert
State: Arizona County: Yavapai
City/Town/Park: Agua Fria National Monument Geographic Area:
Location Details: Agua Fria National Monument. Bloody Basin Road, 3.3 miles east of junction
with Interstate 17. Left side of the road.
Lat. (dg/min/sec): 34° 15' 59.6" N Long. (dg/min/sec): 112° 04' 41.2" W
GPS: NAD83

Landowner Details (Permission): BLM (yes)
Altitude: 3525 FT
Associated Species: *Prosopis velutina, Acacia greggii, Juniperus sp., Mimosa aculeaticarpa var. biuncifera, Opuntia engelmannii, Krameria erecta, Gutierrezia sarothrae, Eriogonum wrightii, Mahonia haematocarpa, Bouteloua eriopoda, Calliandra eriophylla*

Habitat: Semidesert Grassland
Modifying Factors: None
Land Form: Foothills Aspect: All
Land Use: Multiple Use Slope: 0-40°
Geology: Granitic
Soil: 7.5YR5/6

No. of Plants Sampled and Misc.: 280 plants sampled
No. of Plants Found: 700
Area Sampled: 4A

Seeds Collected From: seed - many individuals, plant
Description: Height: 1.5-2 Feet
Common Name(s): slim tridens

Photograph (to be send electronically to SOS National Office) file name: TRMU-AZ930-268-A, TRMU-AZ930-268-B, TRMU-AZ930-268-C

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.

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:

-29

10/7

19102
0.310#

SOSAZ-93008-29

Seed Test/Packaging Record

TRMU-SOSAZ-930-268-08
 Tridens muticus
 slim tridens
 BLMS .31 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	1/26/09 AC
OSU Sample Taken	# of pounds	
	.143g	
Sample Sent	Y N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	97%	ENTERED
Moisture Content	4.87	
Seed Count	648,000	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>97%</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.
							70°	22%	4.8

X-Ray Results
97 % 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: <u>.03</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.065</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.095</u> gms
• Inerts <u>.03</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{97} \%$
• 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).	Difference between max & Min wt. _____ 10% of average _____
<u>.071</u> <u>.069</u>	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = <u>.70</u> = 1000 seed wt.
	Seeds per Pound = <u>648,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.086</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.086</u>

*.017# PPMC ~10,000

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-26-09	1100		226-test	AC
		1135	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____