

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: VUOC
Storage Facility: Bend
Date Collected: 08 APR 2009
Seed Collection Reference Number: AZ930-276
Collector(s): Johnson, J., King, M.
POACEAE

Vulpia octoflora

Rec 4/15/09
1 manila envelop

Country: United States Ecoregion: 23, Sonoran Desert

State: Arizona County: Maricopa

City/Town/Park: Geographic Area:

Location Details: Tonto National Forest, Salt River Recreation area, North Power Road. Five miles northeast of junction with Highway 202. Collection was made on the southeast side of the road.

Lat. (dg/min/sec): 33° 31' 33.3" Long. (dg/min/sec): 111° 39' 12.3"

GPS: NAD83

Landowner Details (Permission): USFS

Altitude: 1497 FT

Associated Species: *Olneya tesota*, *Larrea tridentata*, *Carnegia gigantea*, *Cylindropuntia acanthocarpa*, *Parkinsonia microphylla*, *Hymenoclea salsola*, *Simmondsia chinensis*, *Ambrosia deltoidea*, *Krameria erecta*

Habitat: Sonoran Desert Scrub

Modifying Factors: Burrow Grazing

Land Form: Bahada

Aspect: W

Land Use: Recreation

Slope: 0-2°

Geology: Granitic

Soil: Sand, Silt 7.5YR 5/3

No. of Plants Sampled and Misc.: 4000 plants sampled

No. of Plants Found: > 5000

Area Sampled: 640 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 4-6 inches

Common Name(s): sixweeks fescue

Photograph (to be send electronically to SOS National Office) file name: VUOC-AZ930-276-A, VUOC-AZ930-276-B, VUOC-AZ930-276-C

Identification

Johnson, J. - DES, In herbarium, April 4, 2009

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:

SOS-AZ930-276

VUOC-SOS-AZ930-276-HWY202JCT-09

Vulpia octoflora
sixweeks fescue

BLMS

.15 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	2-13-10 AC
OSU Sample Taken	# of pounds	
	.09g	
Sample Sent	(Y/N)	TZ

Test Results: Both in-house and/or OSU

100 Seed X-ray	?	REMARKS very clean. just still very awny. wants to clump x-ray looks like a bust. WAIT together FOR TZ results
Moisture Content	6.2	
Seed Count	1,134,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99	or NOXIOUS WEED only ___

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.
						—		30.2	6.2%

X-Ray Results

? % 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 = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.040 .040
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 = .40 = 1000 seed wt.
Seeds per Pound = 1,134,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.044

to WRPIS (10M)
New bag = WAIT to pull WRPIS - (TZ) results 1st

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

DATE	Start	Stop	Process	Initials
2-13-10	1325		226-test	AC
		1405	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 _____