

MSB Serial Number: _____
NCRS PLANTS Code: CASE
Storage Facility: Kew
Date Collected: 23 MAY 2007
Seed Collection Reference Number: AZ930-206
Collector(s): Johnson, J., Gray, M.
CYPERACEAE
Carex senta

Country: United States Ecoregion: 23, Sonoran Desert
State: Arizona County: Pima
City/Town/Park: Coronado National Forest Geographic Area: Bear Canyon
Location Details: Coronado National Forest. Mile marker 10 on the Catalina Highway.
Bear Canyon.
Lat. (dg/min/sec): 32° 21' 51.1" N Long. (dg/min/sec): 110° 42' 38.2" W
GPS: NAD83
Landowner Details (Permission): USFS (yes)
Altitude: 5547 FT

Associated Species: *Cupressus arizonica*, *Fraxinus velutina*, *Platanus wrightii*, *Quercus*
sp., *Robinia neomexicana*, *Aquilegia chrysantha*, *Carex chihuahuensis*

Habitat: Riparian within Medrean, #

Modifying Factors: None

Land Form: Canyon

Aspect: All

Slope: 0°

Land Use: Recreation

Geology: Granitic

Soil: Sand, Tan/Gray

No. of Plants Sampled and Misc.: 60 plants sampled

No. of Plants Found: # 300

Area Sampled: 1 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 3'

Common Name(s): swamp carex

Photograph (to be send electronically to SOS National Office) file name: CAAQ-
AZ930-0206-A, CAAQ-AZ930-0206-B, CAAQ-AZ930-0206-C

Identification

Johnson, J. -DES, In Field, 23, May, 2007

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: 4-sent to Kew

- 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 _____ herbarium that

Rec
6/6/07
1 cloth bag
0.194#
- .019

0.175

SOSAZ-93007.10

Seed Test/Packaging Record

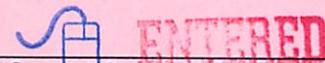
SOSAZ-93007-10

CASE-SOSAZ-930-0206-07
 Carex senta
 swamp carex
 SNWC .175 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>0</u>	Date/Initials <u>3/26/08</u> <u>AC</u>
OSU Sample Taken	# of pounds <u>13g</u>	
Sample Sent	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>80</u>	REMARKS 
Moisture Content	<u>677,000</u>	
Seed Count	<u>677,000</u>	
GERM	<u>—</u> TZOSU 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

<u>80</u> % Filled
Results from <u>100</u> Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.030</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.792</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.822</u> gms
• Inerts <u>.030</u> gms <i>shriveled + buggy seed etc.</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{96} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.065 .067 _____
 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 = $\frac{435600}{1000 \text{ seed wt.}}$

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

2 x Total of 5 reps = .67 = 1000 seed wt.

Seeds per Pound = 677,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.115</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.		<u>.115</u>	

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3-26-08</u>	<u>1035</u>		226-test	<u>AC</u>
		<u>1100</u>	2270-pkg	<u>AC</u>

<u>got it</u>	<u>need</u>	ID card file sample Regional Office ID file
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POSTED TO: Lot Completion Logbook Computer NMIS _____