

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

Cleaning Facility:

Date(s) Collected (DD/MM/YY):

10/11/09

Seed Collection Reference Number:

GBPMC-32

Collector(s):

Cole, E. and Bennett, R.

Country:

USA

Ecoregion (T,O,B):

13-O Great Basin

State:

NV

County:

Churchill

Location Details:

Stillwater National Wildlife Refuge, off of Navy Cabin Rd., near Bob landing

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

39°37'42.7" N

GPS Used?:

Yes

No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

118°26'30.2" W

GPS Datum:

NAD83

NAD27

WGS84

Other:

Elevation (feet):

3863 ft

Landowner Details (Permission?):

FWS-NWR (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Wetland, dominated by cattail and tule

Schoenoplectus acutus, Tamarix ramosissima, Distichlis spicata, Allenrolfea occidentalis

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Valley/marsh

Slope°:

2°

Land Use:

Recreation, wildlife habitat

Aspect:

N NE E SE S SW W NW

Geology:

Alluvial deposits

Soil Texture:

Clay Silt Sand Other: gravel

Soil Color:

Light grey

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family:

Typhaceae

No. of Plants Sampled (min. 50):

54

Genus:

Typha

No. of Plants Found (approx.):

>5000

Species:

domingensis

Area Sampled (acres):

3

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

5 ft

Native plant materials development and research this accession will be used for:

Storage, native plant development at GBPMC

2 can by paper

0.205#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

11/20

Common Name(s) of Plants:

Southern cattail

Photograph Taken:

Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

TYDO_GBP MC-32 A

Where Image will be Filed:

GBPMC

Seed Test/Packaging Record

SOS-GBPMC-32

TYDO-SOS-GBPMC-32-09

Typha domingensis
southern cattail

BLMS

.205 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
		4-27-10
OSU Sample Taken	# of pounds	AC
	.012g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	~85% cut seed	REMARKS	Tiny seed!
Moisture Content	5.8%		
Seed Count	9,072,000		
GERM	___	TZ	OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	~95	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.
								26.8	5.8

X-Ray Results

~85% +cut seed
% 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 = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 95\%$
• 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).

.005

TOTAL of ALL Reps: _____

Average: _____

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

NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

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

2 x Total of 5 reps = .05 = 1000 seed wt.

Seeds per Pound = 9,072,000

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.			.027

beg bal .027
WRPIS - .002 # 10,000 + PLS
New bal - .025

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-27-10	1035		226-test	AC
		1115	2270-pkg	AC

ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS