

Cleve-davis@blm.gov | Test: X-ray, moisture content, purity, seeds/pound  
T2 test, store at Bend

APPENDIX 2. BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS MSB Serial Number:   
Please complete all the priority fields labeled in bold NRCS PLANTS Code: **JVEN**  
Please circle relevant descriptions shown in italics.

Date Collected (DD/MM/YY): **04/09/04** Seed Collection Reference Number: **1D075-076**

Collector(s): **CLEVE DAVIS AND MATT GREER**

Country: **USA** Ecoregion: **COLUMBIA PLATEAU** State: **ID** County: **BONNEVILLE**

Location Details: **SOUTHWEST OF WHEATON MOUNTAIN ADJACENT TO THE SNAKE RIVER**

Lat. (dg/min/sec): **N 43°35'58"** GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec): **W 111°28'20"** GPS Datum: **NAD83** NAD27 WGS84 Other:

Elevation (feet): **5104** Landowner Details (Permission?): **BLM (YES)**

HABITAT DATA

Habitat & Associated Species: **GROWING IN THE RIPARIAN ZONE AND ASSOCIATED WITH ELEOCHARIS PALUSTRIS, AGROSTIS STOLONIFERA, SALIX EXIGUA, PHALARIS ARUNDINACEA**

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled*  Other: **NO DAMAGE**

Land Form: **FLOOD PLAIN** Slope°: **0**

Land Use: **FISHING** Aspect: **N NE E SE S SW W NW**

Geology:

Soil Texture: *Clay* *Silt*  *Sand* Other: **ALKALI HIGH ORGANIC CONTENT** Soil Color: **DARK BROWN**

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

Family: **JUNCEAE** No. of Plants Sampled: **25**

Genus: **JUNCUS** No. of Plants Found (approx.): **~1000**

Species: **ENSIFOLIUS** Area Sampled (acres): **1/4 ACRE**

Subspecies/Variety:

Seeds Collected From:  Plants  Ground  Both

Plant Habit: *Tree* *Shrub* *Forb* *Succulent*  *Grass/Grasslike* Plant Height (feet): **1.3 FT**

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

If not, enter details of collector, reference, where lodged, and date collected:

**0.105  
0.036  
0.069** **Dec 8/17**

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

**USING FLORA OF THE PACIFIC NORTHWEST, KEYED TO VARIETY ENSIFOLIUS**

Common Name(s) of Plants: **Swordleaf rush**

Photograph Taken:  Digital 35mm Reference:  Where Image will be Filed: **POCATELLO FIELD OFFICE**

SOSID-07504-30

JUEN-SOSID-075-076-04

Juncus Ensifolius

Sword Leaf Rush

SNWC

.065 P

# Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	2-23-05 AC
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU	
100 Seed X-ray	~ 50%  ENTERED
Moisture Content	
Seed Count	~ 22,680,000
GERM	TZ Strat Time: NC 4C 8C 13C
PURITY	~ 60% or NOXIOUS WEED only

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
~ 50% Filled
Results from 100 Seed X-ray

*this is a guess what I can see looks average. Light under scope makes all look empty.*

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: .002 gms
Wt. Of Impurities:	Wt. Of Clean Seed .003 gms
* Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) .005 gms</b>
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \sim 60\%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of 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 _____
.002	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average _____	2 x Total of 5 reps = .02 = 1000 seed wt.
	Seeds per Pound = 22,680,000

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.013		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			0.013

 ENTERED

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

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

DATE	Start	Stop	Process	Initials
2-23-05	0840		226-test	AC
		0915	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_ Inventory Card  Y \_\_\_\_\_ NA