BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: CASI12
Cleaning Facility:

**Date(s) Collected** (DD/MM/YY): 09/09/08 & 16/09/08 **Seed Collection Reference Number:** CO932-156

**Collector(s):** Peter Gordon, Carol Dawson, & Molly Mikan

**Country:** USA **Ecoregion (T,O, B):** 20 **State:** CO County: Park

**Location Details:** Kenosha Pass – From HW285 take left at the pass onto dirt road leading to parking lot. Continue past US Forest Service campground entrance into Aspen stand.

**Lat. (dg/min/sec)** (ex: 40° 34' 19.5" N): 39°24'56.7" N GPS Used?: *Yes* *No* If no, please see other side.

**Long. (dg/min/sec)** (ex: 107° 36' 51.54" W): 105°45'19.7" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

**Elevation (feet):** 10,057 Landowner Details (Permission?): USFS - Yes

## HABITAT DATA

**Habitat, Associated Species & Ecological Site Descriptor:** Associated species: *Populus tremuloides*, *Pinus contorta ssp latifolia*, & *Picea engelmanii*, *Thermopsis montana*
Ecological Site Descriptor: Subalpine forest

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other: N/A*

Land Form: Forest Slope°: 0° - 2°

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other: Silty Clay Loam* Soil Color: 10 YR 2/1 Black

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

**Family:** Cyperaceae **No. of Plants Sampled** (min. 50 ): 2792

**Genus:** *Carex* **No. of Plants Found (approx.):** >5000

**Species:** *siccata* **Area Sampled (acres):** 640

Subspecies/Variety:

Rec 9/24/08

**Seeds Collected From:** *Plants* *Ground* *Both*

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.25 - 1

**Native plant materials development and research this accession will be used for:** 3 white cloth
0.310#

**Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):** Plants with long rhizomes; Leaves 1-4mm wide; Spikes 2-20, Upper & lower spikes superficially the same, Lowest spike sessile & separated from next-lowest spike, Spikes uniformly medium color; Perigynium margins serrulate & winged, Perigynium faces nerved, ribbed, or striate dorsally. Perigynium length 3.0-5.5mm.

Common Name(s) of Plants: Dryspike sedge

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

# Seed Test/Packaging Record

**SOSCO-93208-02**

CASI12-SOSCO-932-156-08
Carex siccata
dryspike sedge
BLMS .31 P

## PRE-PACKAGING CHECKLIST

| | | |
|---|---|---|
| Tag Count Complete | # of Tags: 1 | Date/Initials: 2/5/09 AC |
| OSU Sample Taken | # of pounds: .26g | |
| Sample Sent | (Y) N | |

## Test Results: Both in-house and/or OSU

100 Seed X-ray: 80 %
Moisture Content: 5.5 %
Seed Count: 354,300

REMARKS: ENTERED

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 98 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. |
| | | | | | | — | 71 | 25.6 | 5.5 |
| | | | | | | | | | |

## X-Ray Results

80 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts .075 gms (most = shriveled or buggy seed)
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .075 gms
Wt. of Clean Seed 3.78 gms
**TOTAL (Impurities + Clean Seeds)** 3.855 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98 %

## SEEDS PER POUND

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

.126 .130 _____
_____ _____

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 = 453600 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 1.28 = 1000 seed wt.
Seeds per Pound = 354,300

## FINAL PACKAGING for Seed Storage/Transfer

| | Bag Wt. | | Bag Wt. |
|---|---|---|---|
| Bag # 1 | .054 | Bag # | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| | | **TOTAL Wt.** | .054 |

ENTERED

* wait TZ results before PPMC

SEED TRANSFER Log Number _____

| Date | Wt. Shipped | Ship via | Purpose Remarks |
|---|---|---|---|
| | | | |

done

| DATE | Start | Stop | Process | Initials |
|---|---|---|---|---|
| 2-5-09 | 1425 | | 226-test | AC |
| | | 1505 | 2270-pkg | AC |

| | |
|---|---|
| | ID card file sample |
| | Regional Office ID file |

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____