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: CAHO5 ✓
Cleaning Facility:

**Date(s) Collected** (DD/MM/YY): 12/09/09

**Seed Collection Reference Number:** OR930RC75

**Collector(s):** Ellen Kuhlmann, Susan Ballinger

**Country:** USA **Ecoregion** (T,O, B): Eastern Cascades Slopes and Foothills **State:** Washington County: Chelan

**Location Details:** From U.S. Hwy 2 in Leavenworth, turn north onto the Chumstick road (State Highway 209). Travel approximately 2 miles and then turn right (east) onto Eagle Creek Road. Travel on Eagle Creek road to the end of the pavement, which is also the end of the county maintained portion of the road. Here turn north onto the Van Creek road, also called Forest road 7520. Continue on the Van Creek Road until you reach the French Corral junction, on top of Entiat Ridge. Turn north (left) here onto Forest road 5200. Continue on this road for approximately 4 miles, look for a de-commissioned spur road on the left (west) immediately before the turnoff to the Sugarloaf Peak Lookout. Park here and walk along roadbed. Hood's sedge is found on open patches of drier vegetation along both sides of road.

**Lat. (dg/min/sec)** (ex: 40° 34' 19.5" N): 47/45/49 N GPS Used?: **Yes** *No* If no, please see other side.

**Long. (dg/min/sec)** (ex: 107° 36' 51.54" W): 120/32/17.3 W GPS Datum: *NAD83* **NAD27** *WGS84* *Other:*

**Elevation (feet):** 5400 Landowner Details (Permission?): U.S. Forest Service –Okanagon-Wenatchee National Forest

## HABITAT DATA

**Habitat, Associated Species & Ecological Site Descriptor:** Habitat: *Abies lasiocarpa/Pinus contorta* forest
Associated species: *Carex geyeri*, *Lupinus polyphyllus*, *Valeriana sitchensis*, *Arnica latifolia*, *Antennaria microphylla*, *Abies lasiocarpa*, *Pinus contorta*, *Lilium columbianum*, *Achillea millefolium*, *Chamerion angustifolium*.

Modifying Factors: *Mowed* **Burned** *Grazed* *Flooded* *Seeded* *Trampled* *Other:* site burned in a stand replacement fire in 1994, plants growing on mainly sunny, open slopes, tree regrowth slow, mix of natural regeneration and replanted young trees.

Land Form: Shoulder Slope°: 0-10

Land Use: forestry, wildlife habitat Aspect: SW W NW

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: medium brown

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

**Family:** Cyperaceae **No. of Plants Sampled** (min. 50): 40

**Genus:** Carex **No. of Plants Found (approx.):** >500

**Species:** hoodii **Area Sampled (acres):** 2

Subspecies/Variety: Hood's sedge

**SOS-OR930-RC75**

CAHO5-SOS-OR930-RC75-09
Carex hoodii
Hood's sedge
BLMS .053 P

# Seed Test/Packaging Record

## PRE-PACKAGING CHECKLIST

| | # of Tags | Date/Initials |
|---|---|---|
| Tag Count Complete | 0 | 5/3/10 AC |
| OSU Sample Taken | # of pounds .203g | |
| Sample Sent | (Y)/ N | |

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

100 Seed X-ray 92
Moisture Content too few
Seed Count 467,600

REMARKS ENTERED

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. |
| | | | | | | | too few | | |
| | | | | | | | | | |
| | | | | | | | | | |

## X-Ray Results

92 % 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 _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
**TOTAL (Impurities + Clean Seeds)** _____ gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99 %

## SEEDS PER POUND

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

.098 .096 _____
_____ _____

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 / 1000 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 = .97 = 1000 seed wt.
Seeds per Pound = 467,600

## FINAL PACKAGING for Seed Storage/Transfer

| | Bag Wt. | | Bag Wt. |
|---|---|---|---|
| Bag # 1 | | Bag # | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| | | **TOTAL Wt.** | .010 |

beg bal .010
WRPIS ALL ~4,200 PLS
New bal 0

ENTERED

SEED TRANSFER Log Number _____

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

| DATE | Start | Stop | Process | Initials |
|---|---|---|---|---|
| 5-3-10 | 1200 | | 226-test | AC |
| | | 1230 | 2270-pkg | AC |

| | |
|---|---|
| | ID card file sample |
| | Inventory Card Completed |

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____