

SEEDS



OF SUCCESS bend

MSB Serial Number: \_\_\_\_\_

NCRS PLANTS Code: \_\_\_\_\_

Storage Facility: bend

Date Collected: 25 OCT 2007

Seed Collection Reference Number: NV030-207

Collector(s): D. Tonenna and N. Budde

**APOCYNACEAE**

*Apocynum cannabinum*

Rec 11/20/07  
FEDEX

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Churchill County

City/Town/Park: Jobe Peak Wilderness Study Area  
Mnts.

Geographic Area: Stillwater

Location Details: 41 miles NE of junction of highway 50 and State Route 116 take a very faint dirt road eastward towards the Stillwater Mnts. road will end about 0.5 miles west of the mountains.

Lat. (dg/min/sec): 39° 49' 12" N Long. (dg/min/sec): 118° 13' 2" W

GPS: NAD83

Landowner Details (Permission): #

Altitude: 5000 FT

Associated Species: *Oenothera villosa*, *Poa secunda*, *Chaetodelpha wheeleri*, ~~*Gutierrezia sarothrae*~~, *Artemisia tridentata*, *Chrysothamnus viscidiflorus*, *Solidago missouriensis*

Habitat: riparian, #

Modifying Factors: periodic flooding

Land Form: canyon

Aspect: N, S, W

Land Use: grazing, recreation, mining

Slope: 5%°

Geology: mountains composed of metamorphic material

Soil: sand, gravel and grey/brown clay

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 500

Area Sampled: 5 A

Seeds Collected From: seed - many individuals, plant

Description: often found in colonies near wet areas

Common Name(s): Indianhemp

Photograph (to be send electronically to SOS National Office) file name: #

Identification

D. Tonenna and N. Budde-BLM, in field, 10/25/2007

Herbarium Vouchers

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

No. of Herbarium Vouchers: 1

0,610  
- 018  
600

# Seed Test/Packaging Record

SOSNV-03007-09

APCA-SOSNV-030-207-07  
 Apocynum cannabinum  
 Indianhemp  
 BLMS .6 P

| PRE-PACKAGING CHECKLIST |             |               |
|-------------------------|-------------|---------------|
| Tag Count Complete      | # of Tags   | Date/Initials |
|                         | ~1          | 4/1/08 AC     |
| OSU Sample Taken        | # of pounds |               |
|                         | ~23g        |               |
| Sample Sent             | Y/N         |               |
|                         | (Y)         |               |

| Test Results: Both in-house and/or OSU |         | REMARKS   |
|--|---------|---|
| 100 Seed X-ray                         | 80      |   |
| Moisture Content                       |         |   |
| Seed Count                             | 405,000 |   |
| GERM                                   | —       | TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___ |
| PURITY                                 | 90      | 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

80 % 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: <u>.060</u> gms  |
| Wt of Impurities:                               | Wt. of Clean Seed <u>.535</u> gms   |
| • Crops _____ gms                               | <b>TOTAL (Impurities + Clean Seeds)</b> <u>.595</u> gms   |
| • Inerts _____ gms <i>broken seed/ stem pcs</i> | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{90} \%$ |
| • Weeds _____ gms                               |   |
| • Noxious _____ gms                             |   |

## SEEDS PER POUND

Weight to three decimal places, when possible  
 Wt. of 5 reps of 100 seeds each (in grams).  
.107 .113  
 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 =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.  
 2 x Total of 5 reps =  $\frac{1.012}{2} = 1000 \text{ seed wt.}$   
 Seeds per Pound = 405,000

## FINAL PACKAGING for Seed Storage/Transfer

| Bag #            | Bag Wt.     | Bag #    | Bag Wt.     |
|------------------|-------------|----------|-------------|
| Bag # 1          | <u>.065</u> |          |             |
| Bag # 2          |             |          |             |
| Bag # 3          |             |          |             |
| Bag # 4          |             |          |             |
| Bag # 5          |             | Last Bag |             |
| <b>TOTAL Wt.</b> |             |          | <u>.065</u> |

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

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

SEED TRANSFER Log Number \_\_\_\_\_

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

| DATE          | Start       | Stop        | Process  | Initials  |
|---------------|-------------|-------------|----------|-----------|
| <u>4/1/08</u> | <u>0840</u> |             | 226-test | <u>AC</u> |
|               |             | <u>0910</u> | 2270-pkg | <u>AC</u> |

\_\_\_\_\_ ID card file sample  
 \_\_\_\_\_ Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_