



**MSB Serial Number:** \_\_\_\_\_  
**NCRS PLANTS Code:** ERMA4  
**Storage Facility:** Bend  
**Date Collected:** 08 OCT 2009  
**Seed Collection Reference Number:** NV030-298  
**Collector(s):** Miceli, D., Rivas, C.  
**UNKNOWN**  
*Name to be created in Washington office*

**Country:** United States                      **Ecoregion:** 12, Sierra Nevada  
**State:** California                              **County:** Placer  
**City/Town/Park:** #                      **Geographic Area:** Near Onion Creek  
**Location Details:** Take Donnor Pass Rd. and head South on Soda Springs Rd. until road turns to dirt. Follow for approximately 2 miles to turnout to overlook. Collection site near parkinglot at overlook.  
**Lat. (dg/min/sec):** 39° 16' 04.657" N                      **Long. (dg/min/sec):** 20° 22'32.517" W

**GPS:** NAD83

**Landowner Details (Permission):** USFS

**Altitude:** 1997 M

**Associated Species:** *Arctostaphylos patula*, *Arctostaphylos nevadensis*, *Elymus elymoides*, *Ceanothus sp.*, *Calocedrus decurrens*, *Antennaria sp.*, *Pinus jeffreyi*, *Abies concolor*, *Quercus sp.*

**Habitat:** Rocky outcrop, Dry alpine shrub

**Modifying Factors:** #

**Land Form:** Canyon Rim

**Aspect:** 180

**Land Use:** recreation

**Slope:** 18°

**Geology:** granodiorite, quartz monzonite

**Soil:** 5YR 4/3 dry; 7.5YR 2.5/2 moist

**No. of Plants Sampled and Misc.:** #

**No. of Plants Found:** ca 100

**Area Sampled:** 3 A

**Seeds Collected From:** seed - many individuals, plant

**Description:** yellow flowered buckwheat, turning red towards seeding. about 6-12 inches.

**Common Name(s):** marumleaf buckwheat

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

ERMA4-NV030-298-A, ERMA4-NV030-298-B, ERMA4-NV030-298-C

#### Identification

Rivas, C., in office 10/13/09

#### Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 taken

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to \_\_\_\_\_ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to \_\_\_\_\_ herbarium that has agreed to arrange labeling, verification and distribution.

# Seed Test/Packaging Record

**PRIORITY**

**SOS-NV030-298**

ERMA4-SOS-NV030-298-09  
Eriogonum marifolium  
marumleaf buckwheat  
BLMS .45 P

## PRE-PACKAGING CHECKLIST

|                    |             |               |
|--------------------|-------------|---------------|
| Tag Count Complete | # of Tags   | Date/Initials |
|                    | 0           | 2.16.10       |
| OSU Sample Taken   | # of pounds |               |
|                    | .5g         | AC            |
| Sample Sent        | Y/N         |               |
|                    | (Y)         |               |

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

|                  |         |   |
|------------------|---------|---|
| 100 Seed X-ray   | 82.1    | REMARKS<br> <b>ENTERED</b> |
| Moisture Content | 6.0%    |   |
| Seed Count       | 184,300 |   |
| GERM             | TZ 054  | 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. |
|                |      |       |                       |           |        |               |          | 28.2 | 6.0  |

## X-Ray Results

82 % 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>.033</u> gms  |
| Wt of Impurities:                                       | Wt. of Clean Seed <u>.732</u> gms   |
| • Crops _____ gms                                       | <b>TOTAL (Impurities + Clean Seeds) <u>.765</u> gms</b>   |
| • Inerts <u>.033</u> gms <i>shriveled + buggy seed.</i> | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{95} \%$ |
| • Weeds _____ gms                                       |   |
| • Noxious _____ gms                                     |   |

## SEEDS PER POUND

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

.244 .248

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 = 2.46 = 1000 seed wt.  
Seeds per Pound = 184,300

## FINAL PACKAGING for Seed Storage/Transfer

| Bag #            | Bag Wt. | Bag #    | Bag Wt.     |
|------------------|---------|----------|-------------|
| Bag # 1          |         |          |             |
| Bag # 2          |         |          |             |
| Bag # 3          |         |          |             |
| Bag # 4          |         |          |             |
| Bag # 5          |         | Last Bag |             |
| <b>TOTAL Wt.</b> |         |          | <u>.007</u> |

*beg bal*  
*WRPIS*  
*new bal*

.007  
- ALL ~1,000  
0

**ENTERED**

| SEED TRANSFER Log Number |             |          |                 |
|--------------------------|-------------|----------|-----------------|
| Date                     | Wt. Shipped | Ship via | Purpose Remarks |
|                          |             |          |                 |

| DATE    | Start | Stop | Process  | Initials |
|---------|-------|------|----------|----------|
| 2.16.10 | 0915  |      | 226-test | AC       |
|         |       | 0950 | 2270-pkg | AC       |

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

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