

Oregon grape  
2.323  
223  
2.100  
→

Rec. 10-12-07  
1 WOVEN  
Z-100 #

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 18 April 2007)

Please use BLOCK CAPITALS  
Please complete all the priority fields labeled in bold.  
Please circle relevant descriptions shown in *italics*.  
MSB Serial Number:   
NRCS PLANTS Code: **MARE11**

Date Collected (DD/MM/YY): **9 Aug 2007** Seed Collection Reference Number: **ID-B20**

Collector(s): **Keith Barnes Elizabeth Barnes**

Country: **USA** Ecoregion: **Loamly** State: **ID** County: **Boise**

Location Details: **About 11 miles North of Boise on Bogus Basin Rd., then East on unmarked dirt road ~ 1 mile**

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): **43° 44' 09.8" N** GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): **116° 06' 03.0" W** GPS Datum: **NAD83 NAD27 WGS84** Other:

Elevation (feet): **5556** Landowner Details (Permission?): **USFS**

HABITAT DATA

Habitat & Associated Species: **Open PIPO / PSME forest with PREM, PRVI, Osmorhiza sp.**

Modifying Factors: **Mowed Burned Grazed Flooded Seeded Trampled** Other: **NONE**

Land Form: **Mountain Slope** Slope°: **20°**

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

Geology: **Granitic**

Soil Texture: **Clay Silt Sand Other: Sandy Loam** Soil Color: **Light brown / tan**

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

Family: **Berberidaceae**

No. of Plants Sampled (min. 50): **300**

Genus: **Mahonia**

No. of Plants Found (approx.): **5000**

Species: **repens**

Area Sampled (acres): **15**

Subspecies/Variety:

Seeds Collected From:  Plants  Ground  Both

Plant Habit:  Tree  Shrub  Forb  Succulent  Grass/Grasslike

Plant Height (feet): **1**

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:

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

Common Name(s) of Plants: **Oregon grape / creeping Barberry**

Photograph Taken:  Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:

# Seed Test/Packaging Record

**SOSID-93007-18**

MARE11-SOSID-930-B20-07  
 Mahonia repens  
 low Oregon grape/creeping barberry  
 BLMS 2.1 P

## PRE-PACKAGING CHECKLIST

|                    |             |               |
|--------------------|-------------|---------------|
| Tag Count Complete | # of Tags   | Date/Initials |
|                    | 1           | 4/19/08       |
| OSU Sample Taken   | # of pounds | LAD           |
|                    | 1.814g      |               |
| Sample Sent        | (Y/N)       |               |
|                    | Y           |               |

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

|                  |               |  |
|------------------|---------------|--|
| 100 Seed X-ray   | <u>97%</u>    | REMARKS<br><b>ENTERED</b>  |
| Moisture Content |               |  |
| Seed Count       | <u>56,069</u> |  |
| GERM             | <u>—</u>      | TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u> |
| PURITY           | <u>97%</u>    | or NOXIOUS WEED only <u>—</u>  |

## 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

|                                    |
|------------------------------------|
| <u>97</u> % Filled                 |
| Results from <u>100</u> Seed X-Ray |

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

|                             |  |
|-----------------------------|--|
| Wt. of Sample: _____ gms    | Wt. of All Impurities: _____ gms   |
| Wt of Impurities: _____ gms | Wt. of Clean Seed _____ gms  |
| • Crops _____ gms           | <b>TOTAL (Impurities + Clean Seeds)</b> _____ gms  |
| • Inerts _____ gms          | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>* 97%</u> % |
| • Weeds _____ gms           | <u>* Estimate</u>  |
| • Noxious _____ gms         |  |

## SEEDS PER POUND

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

0.812 0.805  
 TOTAL of ALL Reps: 4.045  
 Average: 0.809

\*\* 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 = 8.090 = 1000 seed wt.  
 Seeds per Pound = 56,069

## FINAL PACKAGING for Seed Storage/Transfer

|                  |               |          |               |
|------------------|---------------|----------|---------------|
| Bag # 1          | Bag Wt.       | Bag #    | Bag Wt.       |
| Bag # 2          | <u>0.589#</u> |          |               |
| Bag # 3          |               |          |               |
| Bag # 4          |               |          |               |
| Bag # 5          |               | Last Bag |               |
| <b>TOTAL Wt.</b> |               |          | <u>0.589#</u> |

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

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

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

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

| DATE           | Start       | Stop        | Process  | Initials   |
|----------------|-------------|-------------|----------|------------|
| <u>4/19/08</u> | <u>1330</u> | <u>1415</u> | 226-test | <u>LAD</u> |
|                |             |             | 2270-pkg |            |

|           |                                    |
|-----------|------------------------------------|
| <u>NA</u> | ID card file sample                |
|           | <del>Regional Office ID file</del> |

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

LAD 4/19/08

Inventory card