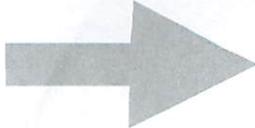


19/9m



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code:

Circle relevant descriptions shown in *italics*.

Cleaning Facility:

Date(s) Collected (DD/MM/YY): 02/09/09

Seed Collection Reference Number: OR110-111

Collector(s): Douglas Kendig

Country: USA Ecoregion (T,O, B): 78e State: OR County: Jackson

Location Details: Wagner Butte
T. 39S., R. 1W., sec 21. Along 39-1-18 rd and about 1/4 miles past the 21.1 rd.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42° 165' 159"N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 122° 82' 06.71"W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 4790 Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Conifer forest openings
Roadside openings on cut bank on uphill side

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Upper mountain slope Slope°: 45

Land Use: Road right-of-way Aspect: N NE E SE S SW W NW

Geology:

Soil Texture: Clay Silt Sand Other: Soil Color: grey

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

Family: Scrophulariaceae

No. of Plants Sampled (min. 50): 70

Genus: *Castilleja* ✓

No. of Plants Found (approx.): 150

Species: *pruinosa* ✓

Area Sampled (acres): 1

Subspecies/Variety:

Seeds Collected From: *Plants* Ground Both

Plant Habit: Tree Shrub *Forb* Succulent Grass/Grasslike

Plant Height (feet): 2

Native plant materials development and research this accession will be used for:

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

Common Name(s) of Plants: frosted Indian paintbrush

Photograph Taken: Digital 35mm

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

Where Image will be Filed: Medford BLM

PRIORITY

SOS-OR110-111

CAPR14-SOS-OR110-111-09
Castilleja pruniosa
frosted Indian paintbrush
BLMS .47 P

Seed Test/Packaging Record

| PRE-PACKAGING CHECKLIST | | |
|-------------------------|-------------|---------------|
| Tag Count Complete | # of Tags | Date/Initials |
| | 0 | 12-7-09 AC |
| OSU Sample Taken | # of pounds | |
| | .07g | |
| Sample Sent | Y/N | |
| | (Y) | |

| Test Results: Both in-house and/or OSU | | REMARKS |
|--|-----------|--|
| 100 Seed X-ray | 90% +cut |  ENTERED |
| Moisture Content | too few | |
| Seed Count | 1,463,200 | |
| GERM | — TZ OSU | Strat Time: NC ___ 4C ___ 8C ___ 13C ___ |
| PURITY | 86% | 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 seed | | | |

| X-Ray Results |
|--------------------------------|
| 90 % Filled +cut seed |
| Results from 100 Seed X-Ray |

| PURITY (Use OSU sample chart to determine wt. of sample) | |
|--|--|
| Wt. of Sample: _____ gms | Wt. of All Impurities: .010 gms |
| Wt of Impurities: | Wt. of Clean Seed .062 gms |
| <ul style="list-style-type: none"> Crops _____ gms Inerts .010 gms Weeds _____ gms Noxious _____ gms | TOTAL (Impurities + Clean Seeds) .072 gms Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 86\%$ |

some are green or shriveled target species.

| SEEDS PER POUND | ** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable |
|--|--|
| Weight to three decimal places, when possible Wt. of 5 reps of 100 seeds each (in grams). | |
| .031 .031 | Difference between max & Min wt. _____ 10% of average _____ |
| TOTAL of ALL Reps: _____ | NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound) |
| Average: _____ | To calculate M seed wt, take Total of 5 samples times 2. |
| | 2 x Total of 5 reps = $\frac{.31}{2} = 1000 \text{ seed wt.}$ |
| | Seeds per Pound = 1,463,200 |

| FINAL PACKAGING for Seed Storage/Transfer | | | |
|---|---------|----------|---------|
| Bag # | Bag Wt. | Bag # | Bag Wt. |
| Bag # 1 | .012 | | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| TOTAL Wt. | | | .012 |

beg-bal .012
WRPIS -.009

NEW BAL. = .003

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

| DATE | Start | Stop | Process | Initials |
|---------|-------|------|----------|----------|
| 12-7-09 | 1315 | | 226-test | AC |
| | | 1700 | 2270-pkg | AC |

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

POSTED TO: Lot Completion Logbook Computer NMIS