

Accession Date: 11/17/09

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: SPGR2

Circle relevant descriptions shown in *italics*.

Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 13/08/09

Seed Collection Reference Number: UT-030-136

Collector(s): HANSEN, S. WASSENBERG, T.

Country: USA Ecoregion (T,O,B): State: UT County: GARFIELD

Location Details: CIRCLE CLIFFS, LAMPSTAND ROAD

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 37° 58' 19.56" N GPS Used?: Yes No If no, please see other side.Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 9' 51.826" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 6270 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

PINYON - JUNIPER, MAHONIA FREMONTII, ARTEMESIA SP, GUTIERREZIA SAROTHRAE

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: VALLEY BOTTOM

Slope°: 0

Land Use: GRAZING, RECREATION

Aspect: N NE E SE S SW W NW

Geology: SAND

Soil Texture: Clay Silt Sand Other: Soil Color:

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

Family: MALVACEAE

No. of Plants Sampled (min. 50): 75

Genus: SPHAERALCEA

No. of Plants Found (approx.): 500

Species: GROSSULARIIFOLIA

Area Sampled (acres): 2

Subspecies/Variety: Seeds Collected From: Plants Ground BothPlant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1-2

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

Seed Testing
Common Garden Studies
Seed increase and Development

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

Bright orange flowers

Common Name(s) of Plants:

Gooseberry-leaf globemallow

Photograph Taken: Digital 35mm

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

Where Image will be Filed:

Seed Test/Packaging Record

PRIORITY

SOS-UT030-136

SPGR2-SOS-UT030-136-09
Sphaeralcea grossulariifolia
gooseberryleaf globemallow
BLMS .31 P

| PRE-PACKAGING CHECKLIST | | |
|-------------------------|-------------|---------------|
| Tag Count Complete | # of Tags | Date/Initials |
| | 0 | 1-28-10 AC |
| OSU Sample Taken | # of pounds | |
| | .253g | |
| Sample Sent | Y/N | |
| | Y | |

| Test Results: Both in-house and/or OSU | |
|--|---|
| 100 Seed X-ray | 90% |
| Moisture Content | 6.4% |
| Seed Count | 397,800 |
| 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. |
| | | | | | | — | 73° | 31.9 | 6.4 |

| X-Ray Results |
|-----------------------------|
| 90 % 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: _____ gms |
| Wt of Impurities: _____ gms | Wt. of Clean Seed _____ gms |
| • Crops _____ gms | TOTAL (Impurities + Clean Seeds) _____ gms |
| • Inerts _____ gms | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$ |
| • Weeds _____ gms | |
| • Noxious _____ gms | |

| 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). | Difference between max & Min wt. _____ 10% of average _____ |
| .115 .113 | NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound) |
| TOTAL of ALL Reps: _____ | To calculate M seed wt, take Total of 5 samples times 2. |
| Average: _____ | 2 x Total of 5 reps = 1.14 = 1000 seed wt. |
| | Seeds per Pound = 397,800 |

| FINAL PACKAGING for Seed Storage/Transfer | | | |
|---|---------|----------|---------|
| Bag # 1 | Bag Wt. | Bag # | Bag Wt. |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| TOTAL Wt. | | | .058 |

bag bal
WRPIS
New bal
 $.058$
 $- .029 \# (19000)$
 $.029 !$

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

| DATE | Start | Stop | Process | Initials |
|---------|-------|------|----------|----------|
| 1-28-10 | 1435 | | 226-test | AC |
| | | 1515 | 2270-pkg | AC |

| | |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | ID card file sample |
| <input type="checkbox"/> | Inventory Card Completed |

POSTED TO: Lot Completion Logbook Computer NMIS _____