



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):

Seed Collection Reference Number:

Collector(s):

Country: Ecoregion (T,O,B): State: County:

Location Details:

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

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): GPS Datum:

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

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Modifying Factors:

Land Form: Slope°:

Land Use: Aspect:

Geology:

Soil Texture: Soil Color:

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

Family:

No. of Plants Sampled (min. 50):

Genus:

No. of Plants Found (approx.):

Species:

Area Sampled (acres):

Subspecies/Variety:

PEN13 8/25/09

Seeds Collected From:

Plant Habit:

Plant Height (feet):

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

3 5m paper

0.528

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

-.034

0.474

Common Name(s) of Plants:

Photograph Taken:

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

Where Image will be Filed:

Seed Test/Packaging Record

SOS-WY040-12

PENI3-SOS-WY040-12-09
 Penstemon nitidus
 waxleaf penstemon
 BLMS .47 P

PRE-PACKAGING CHECKLIST

| | | |
|--------------------|-------------|---------------|
| Tag Count Complete | # of Tags | Date/Initials |
| | 0 | 5-13-10 |
| OSU Sample Taken | # of pounds | AC |
| | .28g | |
| Sample Sent | Y/N | |
| | (Y) | |

Test Results: Both in-house and/or OSU

| | | |
|---|---------|--------------------|
| 100 Seed X-ray | 91% | REMARKS ENTERED |
| Moisture Content | 6.0% | |
| Seed Count | 333,500 | |
| GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u> | | |
| PURITY <u>93%</u> or NOXIOUS WEED only <u> </u> | | |

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 | 6.0 |

X-Ray Results

91 % 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>.06</u> gms |
| Wt of Impurities: | Wt. of Clean Seed <u>.822</u> gms |
| • Crops _____ gms | TOTAL (Impurities + Clean Seeds) <u>.882</u> gms |
| • Inerts <u>.06</u> gms | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{93} \%$ |
| • Weeds _____ gms | |
| • Noxious _____ gms | |

SEEDS PER POUND

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

.137 .135

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 = 1.36 = 1000 seed wt.
 Seeds per Pound = 333,500

FINAL PACKAGING for Seed Storage/Transfer

| Bag # | Bag Wt. | Bag # | Bag Wt. |
|------------------|---------|----------|-------------|
| Bag # 1 | | | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| TOTAL Wt. | | | <u>.058</u> |

bag bal .058
 WRPIS - .036# 10,000
 New bal .022

SEED TRANSFER Log Number

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

| DATE | Start | Stop | Process | Initials |
|---------|-------|------|----------|----------|
| 3-13-10 | 1030 | | 226-test | AC |
| | | 1115 | 2270-pkg | AC |

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

POSTED TO: Lot Completion Logbook Computer NMIS