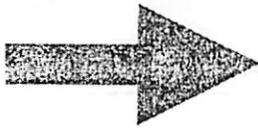


070214A

BLM SEEDS OF SUCCESS FIELD DATA FORM



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY):

Seed Collection Reference Number:

Collector(s):

Country:  Ecoregion:  State:  County:

Location Details:

Lat. (dg/min/sec):  GPS Used? (Yes/No):  Yes  No If no, please see other side.

Long. (dg/min/sec):  GPS Datum:  NAD27  Other:

Elevation (feet):

HABITAT DATA

Habitat & Associated Species:

Modifying Factors:    Grazed

Land Form:  Slope:

Land Use:  Aspect:  SW W"/>

Geology:

Soil Texture:  Sand"/>  Soil Color:

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

Family:

No. of Plants Sampled:

Genus:

No. of Plants Found (approx.):

Species:

Area Sampled (sq. yards):

Subspecies/Variety:

No. of Pressed Specimens:

Seeds Collected From:  Plants  Ground  Both

Plant Habit:   Shrub

Plant Height (feet):

Does the pressed specimen have the same reference as the seed collection? (Yes/No):  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:

Photograph Taken:  Digital  35mm Reference:  Where Image will be Filed:

me 7/8/02

# INHOUSE TESTS

LONG CODE: PJTR2-

SHORT CODE: SOS5102-25

**MOISTURE CONTENT (use one of four methods below)**

**\*\*\*OVEN TEST\*\*\*** *Moisture Content in Grams*

|  |  |
|--|--|
| Wt. Of wet seeds   |  |
| Wt. Of dry seeds   |  |
| Wt. Difference   |  |
|  |  |
| M.C. = $\frac{\text{(Difference)}}{\text{(Wt of wet seeds)}} \times 100$ |  |
|  |  |
|  |  |
| (use 6-8 grams, depending on seed size)                                  |  |

**\*\*\*MOISTURE ANALYZER\*\*\***

| Temp °C | Time Used | % M.C. |
|---------|-----------|--------|
|         |           |        |
|         |           |        |
|         |           |        |

**\*\*\*DOLE METER\*\*\***

|    | Dial Reading | M.C. | Grams |
|----|--------------|------|-------|
| 1) |              |      |       |
| 2) |              |      |       |

**\*\*\*DICKEY JOHN\*\*\***

| Grain Type | # Gms | Chart Data | M.C. |
|------------|-------|------------|------|
| 1)         |       |            |      |
| 2)         |       |            |      |

**PURITY**

Use OSU sample chart to determine wt. Of sample

Wt. Of Sample: \_\_\_\_\_ gms.

TOTAL (Impurities + Clean Seeds) 2.082 gms.

Wt. Of Impurities:

- Crops \_\_\_\_\_ gms
- Inerts \_\_\_\_\_ gms
- Weeds \_\_\_\_\_ gms
- Noxious \_\_\_\_\_ gms

Percent purity  $\frac{\text{(Wt. Of clean seeds)}}{\text{(Wt. Of Total)}} \times 100 = \underline{94} %$

Wt. Of All Impurities 0.115 gms.  
Wt. Of Clean Seeds 1.967 gms.

*impurities = insect damaged seed*

**SEEDS PER POUND**

Weigh to three decimal places when possible

Wt. Of 5 reps of 100 seeds each (in grams) 1.967

**\*\*NOTE:** If difference between max and min is less than 10% of average of samples data is acceptable.

NOTE: SEEDS PER POUND =  $\frac{453600}{1000 \text{ seed wt.}}$

To calculate M seed wt, take Total of 5 samples times 2.

2 X Total of 5 reps = 19.67 = 1000 seed Wt

Seeds per Pound = 23,060  
Round to nearest hundred

TOTAL of ALL reps \_\_\_\_\_

AVERAGE \_\_\_\_\_

Difference between max & min wt. \_\_\_\_\_

10 % of average \_\_\_\_\_

DATE: \_\_\_\_\_  
INITIALS: \_\_\_\_\_

10-20 Seeds Taken for  
ID Card File.  
*Sheila's file*

84 % FILLED SEED FROM  
100 SEED X-RAY

POSTED TO : LOT COMPLETION LOG \_\_\_\_\_ COMPUTER \_\_\_\_\_



# SEED DRYING and PACKAGING LOG SHEET

SOURCE CODE: PVTR2-51-6SENH-013-02 SHORT CODE: 505-5102-25

| DRYING: after extraction & prior to FINAL PACKAGING |                |          |                    |            |                      |               |
|---|----------------|----------|--------------------|------------|----------------------|---------------|
| DRYSD = 225   |                |          |                    |            |                      |               |
| Date  | Barrells Rec'd | Initials | Pre-Moist. Content | Temp in C. | Final Moist. Content | NOTES/REMARKS |
|   |                |          |                    |            |                      |               |
|   |                |          |                    |            |                      |               |

| PRE-PACKAGING CHECKLIST |            |                   | TESTS: OSU or INHOUSE          |  |
|-------------------------|------------|-------------------|--------------------------------|--|
| Tag Count Complete      | # of Tags  | Date/Initials     | GERM <u>  </u> or TZ <u>  </u> | NC <u>  </u> 4C <u>  </u> 8C <u>  </u> 13C <u>  </u> |
|                         | <u>1</u>   | <u>3/10/03 AC</u> | PURITY <u>94%</u>              | REMARKS  |
| Sample Taken            | # of Grams |                   | SEED WEIGHT <u>23,060</u>      |  |
|                         |            |                   | MOISTURE CONT. <u>  </u>       |  |
| Sample Sent             |            |                   | 100-Seed X-RAY <u>84</u>       |  |

| DESTRUCTION: seed destroyed due to low germ, bugs, unknown source, etc. |        |                     |                        |
|---|--------|---------------------|------------------------|
| SDDEST = 249  |        |                     |                        |
| Date  | Weight | Oked by Client Name | Reason for destruction |
|   |        |                     |                        |

| FINAL PACKAGING for Seed Storage |           |          |                 |                          |  |
|----------------------------------|-----------|----------|-----------------|--------------------------|--|
| WEIGH = 231                      |           |          |                 |                          |  |
| DATE                             | Initial   | Box #    | Box Wt. In LBS. | Date sent to BSE storage | REMARKS  |
| <u>3/10/03</u>                   | <u>AC</u> | <u>1</u> | <u>0.139</u>    |                          | <p><i>Set up fee \$1000</i></p>  <p><b>ENTERED</b></p> |
|                                  |           | <u>2</u> |                 |                          |  |
|                                  |           | <u>3</u> |                 |                          |  |
|                                  |           | <u>4</u> |                 |                          |  |
|                                  |           | <u>5</u> |                 |                          |  |
|                                  |           | <u>6</u> |                 |                          |  |
|                                  |           | <u>7</u> |                 |                          |  |
|                                  |           | <u>8</u> |                 |                          |  |
|                                  |           | <u>9</u> |                 |                          |  |
| TOTAL Weight of Seedlot:         |           |          | <u>0.139</u>    |                          |  <p><b>ENTERED</b></p>                                  |

| SEED TRANSFER: seed needed ASAP for sowing &/or prior to computer record entry. |         |           |             |                    |                      |
|---|---------|-----------|-------------|--------------------|----------------------|
| Purpose: sowing = 246, 247, or 248; storage = 255, other                        |         |           |             |                    |                      |
| Date  | Initial | # of Pkgs | Wt. Shipped | Method of Shipment | PURPOSE CODE/REMARKS |
|   |         |           |             |                    |                      |
|   |         |           |             |                    |                      |