

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:  Other: Elevation (feet): **HABITAT DATA**

Habitat &amp; Associated Species:

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: Genus: No. of Plants Found (approx.): Species: Area Sampled (sq. yards): Subspecies/Variety: No. of Pressed Specimens: Seeds Collected From:  Plants  Ground  BothPlant Habit:  Tree  Shrub  Forb  Succulent  Grass/GrasslikePlant 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  35mmReference: Where Image will be Filed:

# INHOUSE TESTS

LONG CODE: HEBO-58-RBG MU-BEND01-02 SHORT CODE: SOS 5802-39

## 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.

Wt. Of Impurities:

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

Wt. Of All Impurities: .26 gms.

Wt. Of Clean Seeds: 9.02 gms.

TOTAL (Impurities + Clean Seeds) 9.28 gms.

Percent purity  $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{97}\%$

*broken pieces*

## SEEDS PER POUND

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

.902

\*\*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 = 9.02 = 1000 seed Wt

Seeds per Pound = 59,288  
Round to nearest hundred

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

AVERAGE \_\_\_\_\_

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

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

DATE: 1/02/03  
INITIALS: AC

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

80 % FILLED SEED FROM  
*wormy* 100 SEED X-RAY

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