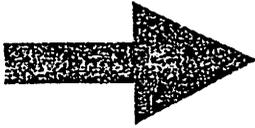


BLM SEEDS OF SUCCESS FIELD DATA FORM



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:  If no, please see other side.

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

Elevation (feet):

**HABITAT DATA**

Habitat & 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  Both

Plant Habit:  Tree  Shrub  Forb  Succulent  Grass/Grasslike Plant Height (feet):

Does the pressed specimen have the same reference as the seed collection? (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:  Reference:  Where Image will be Filed:

# INHOUSE TESTS

LONG CODE: EPCL

SHORT CODE: SOS 5102-84

## 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) \_\_\_\_\_ gms.

Wt. Of Impurities:

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

Percent purity  $\frac{\text{(Wt. Of clean seeds)}}{\text{(Wt. Of Total)}} \times 100 = \frac{98}{\text{est}}$  %

Wt. Of All Impurities \_\_\_\_\_ gms.

Wt. Of Clean Seeds \_\_\_\_\_ gms.

## SEEDS PER POUND

Weigh to three decimal places when possible

Wt. Of 5 reps of 100 seeds each (in grams) 0.006

\*\*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 = 0.06 = 1000 seed Wt

Seeds per Pound =  $\frac{7,560,000}{\text{Round to nearest hundred}}$

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

AVERAGE \_\_\_\_\_

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

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

DATE: 3/13/03  
INITIALS: AC

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

72 % FILLED SEED FROM  
hard to tell! 100 SEED X-RAY

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



ENTERED

# SEED DRYING and PACKAGING LOG SHEET

SOURCE CODE: EPCI-51-65ENM033-02

SHORT CODE: SOS 5102-84

**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>
	1	3/13/03 AC	PURITY <u>98 est</u>	REMARKS
Sample Taken	# of Grams	_____	SEED WEIGHT <u>7,560,000</u>	
		_____	MOISTURE CONT. <u>  </u>	
Sample Sent		_____	100-Seed X-RAY <u>72</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
3/13/03	AC	1	.003		<div style="font-size: 2em; font-family: cursive;">Storage fee</div> <div style="font-size: 1.5em; font-weight: bold; color: red;">ENTERED</div>
		2			
		3			
		4			
		5			
		6			
		7			
		8			
		9			
<b>TOTAL Weight of Seedlot:</b>			.003	<div style="font-size: 1.5em; font-weight: bold; color: red;">ENTERED</div>	SEEDBANK LOCATION

**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