

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: NAD27 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: Digital 35mm Reference: Where Image will be Filed:

INHOUSE TESTS

LONG CODE: TRMA4-51-GSENM-037-02 SHORT CODE: S055102-92

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) 0.063 gms.

Wt. Of Impurities:

- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Percent purity $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \frac{\text{0.057}}{\text{0.063}} \times 100 = \text{90.1\%}$

Wt. Of All Impurities 0.006 gms.

Wt. Of Clean Seeds 0.057 gms.

SEEDS PER POUND

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

0.057

**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 = 0.057 = 1000 seed Wt

Seeds per Pound = 795,790
Round to nearest hundred

TOTAL of ALL reps _____

AVERAGE _____

Difference between max & min wt. _____
10 % of average _____

DATE: 3/7/05
INITIALS: AC

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

76 % FILLED SEED FROM 100 SEED X-RAY

POSTED TO : LOT COMPLETION LOG _____ COMPUTER _____

 ENTERED

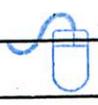
SEED DRYING and PACKAGING LOG SHEET

SOURCE CODE: TRMA4-51-GENM-037-02 SHORT CODE: SOS5102-92

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>3/7/03 AC</u>	PURITY <u>90</u>	REMARKS
Sample Taken	# of Grams		SEED WEIGHT <u>795,790</u>	
			MOISTURE CONT. <u> </u>	
Sample Sent			100-Seed X-RAY <u>76%</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>3/7/03</u>	<u>AC</u>	<u>1</u>	<u>0.111</u>		<i>storage fee</i>  ENTERED
		<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>0.111</u>					 ENTERED

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