



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?:  Yes  No 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:

Seeds Collected From:

Plant Habit:

Plant Height (feet):

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

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

Where Image will be Filed:

**PRIORITY**

PRIORITY

SOS-ID931-157

MELA2-SOS-ID931-157-09  
Mentzelia laevicaulis  
smoothstem blazingstar  
BLMS 1.85 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-15-10
OSU Sample Taken	# of pounds	AC
	-289	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	93%	REMARKS  ENTERED
Moisture Content	6-1-1	
Seed Count	338,500	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	85%	or NOXIOUS WEED only ___

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.
						---	72	29.0	6.1

X-Ray Results

93 % 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>.245</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.95</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>2.295</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{85} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.135 .132

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 = 1.34 = 1000 seed wt.

Seeds per Pound = 338,500

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.208</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.208</u>

beg. bal .208  
 WRPIS -.039 10,000  
 New bal .169

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>1-15-10</u>	<u>1155</u>		226-test	<u>AC</u>
		<u>1240</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_