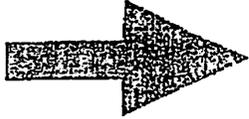


Blazing Star

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 18 April 2007)



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code:

Please circle relevant descriptions shown in italics.

NIELA2

Date Collected (DD/MM/YY): 15 Sept 2007

Seed Collection Reference Number: ID 030

Collector(s): Keith Barnes, Elizabeth Barnes

Country: USA

Ecoregion:

State: ID

County: Ada

Location Details: About 3 miles North of Boise on Shaw Mountain Rd. Plants on edge of road and vicinity

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

43° 37' 44.7" N

GPS Used?:

Yes

No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

116° 07' 26.9" W

GPS Datum:

NAD83

NAD27

WGS84

Other:

Elevation (feet):

3530'

Landowner Details (Permission?):

ID State Land

HABITAT DATA

Habitat & Associated Species:

Open South-facing slope/side of ravine above intermittent stream. Purshia tridentata, grasses

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Mountain Slope/Side of Ravine

Slope°:

30°

Land Use:

Recreation

Aspect:

N NE E SE (S) SW W NW

Geology:

Granitic

Soil Texture:

Clay Silt Sand Other: Sandy Loam

Soil Color:

Light tan

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

Family:

Loasaceae

No. of Plants Sampled (mic. 50):

55

Genus:

Mentzelia

No. of Plants Found (approx.):

250

Species:

laevicaulis

Area Sampled (acres):

100

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

3

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:

Rec 10/27/07

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

19 Nov 1.040#

Common Name(s) of Plants:

Blazing Star, Veleto flower

Photograph Taken:

Digital 35mm

Reference (PLANTS Code, Cell Number, P.C. No.):

Where Image will be Filed:

SOSID-93007-26

MELA2-SOSID-930-B30-07  
Mentzelia laevicaulis  
smoothstem blazingstar  
BLMS 1.04 P

# Seed Test/Packaging Record

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 3/26/08 AC
OSU Sample Taken	# of pounds .25g	
Sample Sent	(Y)N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>78</u>	
Moisture Content	<u>378,000</u>	
GERM	<u>1</u> TZ <u>    </u> Strat Time: NC <u>    </u> 4C <u>    </u> 8C <u>    </u> 13C <u>    </u>	ENTERED
PURITY	<u>80</u> or NOXIOUS WEED only <u>    </u>	

## MOISTURE CONTENT (use one of two methods below)

**Dole Meter**			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-Ray Results	
<u>78</u>	% Filled
Results from <u>100</u> Seed X-Ray	

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.360</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.440</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>1.800</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{80} \%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

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

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 = 1.20 = 1000 seed wt.

Seeds per Pound = 378,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.196</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.196</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>3-26-08</u>	<u>1130</u>		226-test	<u>AC</u>
		<u>1200</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS