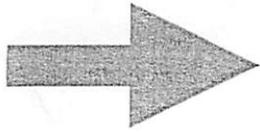


Cleve-davis@blm.gov | Test: X-ray, moisture content, purity, seeds/pound  
Tz test. Store at Bend

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code:

GARA

Please circle relevant descriptions shown in italics.

Date Collected (DD/MM/YY): 28/07/04

Seed Collection Reference Number: IDO75-066

Collector(s): Bryan Simon, Hilary Schoendorf, Dave Hordijk

Country: USA

Ecoregion: Colombia Plateau

State: ID

County: Cassia

Location Details: Cotterel Mountains

Lat. (dg/min/sec): N 42° 21' 49"

GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 113° 28' 16.5"

GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 6602

Landowner Details (Permission?): BLM (Yes)

HABITAT DATA

Habitat & Associated Species: Artemisia tridentata ssp. vasseyna, Polygonum douglasii ssp. douglasii, Lupinus caudatus ssp. caudatus, Gayophytum diffusum, Tragopogon sp., Bromus tectorum

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Mountainous

Slope°: 0°- 10°

Land Use: unknown

Aspect: N NE E SE S SW W NW

Geology: Basalt

Soil Texture: Clay Silt Sand Other: Clay/loam

Soil Color: Brown

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

Family: Onagraceae

No. of Plants Sampled: ~ 1500

Genus: Gayophytum

No. of Plants Found (approx.): >5000

Species: racemosum

Area Sampled (acres): 1

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 0.5

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 8/17

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

ID card

Common Name(s) of Plants: Blackfoot Groundsmoke

Photograph Taken: Digital 35mm

Reference:

Where Image will be Filed: CD

# Seed Test/Packaging Record

SOSID-07504-28  
 GARA-SOSID-075-066-04  
 Gayophytum racemosum  
 Blackfoot groundsmoke  
 SNWC .13 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	2-22-05 AC
Sample Sent	(Y) / N	100 <sup>+</sup> seeds only

TZ

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	<u>66%</u>	ENTERED
Moisture Content		
Seed Count	<u>11,340,000</u>	
GERM	TZ OSU	
Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>75%</u> or NOXIOUS WEED only ___		

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>66%</u> Filled
Results from <u>100</u> Seed X-ray

Small seed hard to tell

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: <u>.001</u> gms
Wt. Of Impurities:	Wt. Of Clean Seed <u>.003</u> gms
* Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>.004</u> gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{75} \%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of 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 _____
<u>.004</u>	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average _____	2 x Total of 5 reps = <u>.04</u> = 1000 seed wt.
	Seeds per Pound = <u>11,340,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.034</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			<u>0.034</u>

ENTERED

Transaction Fee: <u>ENTERED</u>
Seedbank Location

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

DATE	Start	Stop	Process	Initials
2-22-05	1305		226-test	AC
		1335	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample	YES!!
<input type="checkbox"/>	Regional Office ID file	

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_ Inventory Card  Y  NA