

**Appendix 2. BLM Seeds of Success Field Data Form**

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: **ERUM**

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): **25 Aug 07** Seed Collection Reference Number: **ID-65**

Collector(s): **S. Gilkins, Boy Scout Troop 11**

Country: **USA** Ecoregion: **Loamy** State: **ID** County: **Boise**

Location Details: **Jerusalem, ID, Forest Service Rd. # 373  
ridgeline**

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):  N GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):  W GPS Datum:  NAD83  NAD27  WGS84  Other:

Elevation (feet):  Landowner Details (Permission?): **Public Lands**

**HABITAT DATA**

Habitat & Associated Species: **PIPO/PSME, LILE3, BRJA, ERUM**

**Sunny site**

Modifying Factors: **Mowed Burned  Grazed Flooded Seeded Trampled  Other: logging**

Land Form: **top of mountain, flat → slope** Slope°: **30°**

Land Use: **Logging** Aspect: **N NE E SE  SW W NW**

Geology: **Granitic**

Soil Texture: **Clay Silt  Sand Other:** Soil Color: **brown → tan**

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

Family: **Polygonaceae**

No. of Plants Sampled (min. 50): **250**

Genus: **Eriogonum**

No. of Plants Found (approx.): **1000**

Species: **umbellatum**

Area Sampled (acres): **5**

Subspecies/Variety:

Seeds Collected From:  Plants  Ground  Both

*1 white waven*

Plant Habit: **Tree  Shrub Forb Succulent Grass/Grasslike**

Plant Height (feet): **1-1/2**

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:

**4.660  
- 224**

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

**4,436**

Common Name(s) of Plants: **Sulfur Buckwheat**

Photograph Taken: **Digital NPNE 55mm** Reference (PLANTS Code, Coll Number, Pic. No.)

Where Image will be Filed:

# Seed Test/Packaging Record

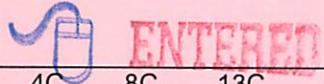
**SOSID-93007-10**

ERUM-SOSID-930-B5-07  
 Eragrostis Umbellatum  
 Yellow Buckwheat  
 BLMS 4.43 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 1	Date/Initials 3/26/08 AC
OSU Sample Taken	# of pounds 4.2g	
Sample Sent	(Y) / N	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>85</u>	REMARKS 
Moisture Content		
Seed Count	<u>219,100</u>	
GERM	<u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>	
PURITY	<u>91</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

85 % 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>.126</u> gms
Wt. of Impurities: _____ gms	Wt. of Clean Seed <u>1.242</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>1.368</u> gms
• Inerts <u>.126</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = $ <u>91</u> %
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.209 .205 \_\_\_\_\_

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 =  $\frac{453600}{1000}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 2.07 = 1000 seed wt.

Seeds per Pound = 219,100

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.311</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.311</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>0735</u>		226-test	<u>AC</u>
		<u>0800</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

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