BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code:
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 21/08/2008 **Seed Collection Reference Number:** RMRS-1043

Collector(s): RMRS (ALEXIS MALCOMB, BILL DAVIDSON)

Country: USA **Ecoregion** (T,O, B): 16F **State:** IDAHO County: ELMORE

Location Details: ERUM 68- LONG GULTCH ROAD

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 43'35'557 N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 115'42'698 W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 3734 Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

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

Land Form: Slope°:

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

Geology:

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color:

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

Family: POLYGONACEAE **No. of Plants Sampled** (min. 50): 82

Genus: ERIOGONUM **No. of Plants Found (approx.):** 100

Species: UMBELLATUM **Area Sampled (acres):** 1

Subspecies/Variety:

Seeds Collected From: *Plants* *Ground* *Both*

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1-2

Native plant materials development and research this accession will be used for: GREAT BASIN NATIVE PLANT SELECTION AND INCREASE PROJECT

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 (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

PRIORITY

SOS-GBNP08-10

ERUM-SOS-GBNP-RMRS1044/ERUM68-08
Eriogonum umbellatum
yellow buckwheat
BLMS .635 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	9.3.2008
OSU Sample Taken	# of pounds .45g	AC
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 95
Moisture Content
Seed Count 202,500

REMARKS ✓ ENTERED

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 98% 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.

X-Ray Results

95 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ ~~gms~~ dried shriveled + black seed
- Weeds _____ gms
- Noxious _____ gms donot see bulbous

✓

Wt. of All Impurities: .105 gms
Wt. of Clean Seed 5.42 gms
TOTAL (Impurities + Clean Seeds) 5.525 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98.1 %

SEEDS PER POUND

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

.221 .225 _____
_____ _____

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 = 453600 / 1000 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 = 2.24 = 1000 seed wt.
Seeds per Pound = 202,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.026	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.026

SEED TRANSFER Log Number 555MP08

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
9.3.2008	1000		226-test	AC
		1045	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS ENTERED