BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

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

MSB Serial Number:
NRCS PLANTS Code: ERBRB4
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 14/09/09 **Seed Collection Reference Number:** WY040-20

Collector(s): V. BIASOTTI, L. FERRARI

Country: USA **Ecoregion** (T,O,B): 18 (WY BASIN) **State:** WY County: SWEETWATER

Location Details: T23N, R102W, SECTION 14 AND 22 ALONG BOTH SIDES OF COUNTY ROAD 83/BLM ROAD 4102 AND ON CLAY TOW SLOPES OF STEAMBOAT MT.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 41°57'35.264"N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 108°55'48.040"W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 7133 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: CHRYSOTHAMNUS VISCIDIFLORUS, ARTEMISIA TRIDENTATA VAR. WYOMINGENSIS, ACHNATHERUM HYMENOIDES, COMANDRA UMBELLATA, TETRADYMIA SPP.

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

Land Form: TOW SLOPE OF MOUNTAIN Slope°: 0-40°

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

Geology: DEGRADED SANDSTONE AND CLAY

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

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

Family: POLYGONACEAE ERLA9 **No. of Plants Sampled** (min. 50): 100

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

Species: ~~BREVICAULE~~ Lagopus **Area Sampled (acres):** 15

Subspecies/Variety: ~~CANUM~~ na → parasol buckwheat

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

Plant Habit: *Tree* *Shrub* ***Forb*** *Succulent* *Grass/Grasslike* Plant Height (feet): .5

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): ERBRC2 = Eriogonum breviculae var. canum parasol buckwheat

Common Name(s) of Plants: SHORTSTEM BUCKWHEAT

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed: ADRIENNE PILMANIS

Seed Test/Packaging Record

SOS-WY040-20

ERLA9-SOS-WY040-20-09
Eriogonum lagopus
parasol buckwheat
BLMS .3 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 2	Date/Initials: 5/10/10 LAD
OSU Sample Taken	# of pounds: 0.157g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 96%
Moisture Content
Seed Count: 657,391

REMARKS: too few seed

GERM ____ TZ ____ Strat Time: NC___ 4C___ 8C___ 13C___

PURITY 97 or NOXIOUS WEED only ____

ENTERED

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.
							too few seed		

X-Ray Results

96 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: 0.132 gms

Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: 0.003 gms
Wt. of Clean Seed 0.130 gms
TOTAL (Impurities + Clean Seeds) 0.133 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97.7 %

SEEDS PER POUND

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

0.068 0.071 0.068
0.063 0.075
TOTAL of ALL Reps: 0.345
Average: 0.069

** 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 (453.6 grams = 1 pound)
1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 0.690 = 1000 seed wt.
Seeds per Pound = 657,391

ENTERED

legen dat 0.001 #
WRPIS 0.001 #
0

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.001	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.001

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/5/10	1445	1540	226-test	LAD
			2270-pkg	

5/10/10 LAD ID card file sample
5/10/10 LAD Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/10/10 LAD Computer NMIS_____