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: ERNA10
Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 04/11/09 **Seed Collection Reference Number:** UT931-165

Collector(s): THOMAS MCDONOUGH

Country: USA **Ecoregion** (T,O,B): WASATCH **State:** UT County: DAVIS

Location Details: EDGE OF JUNCTURE WITH BONNEVILLE SHORELINE TRAIL AND ADDAMS CANYON TRAIL LAYTON, UTAH

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 41° 04.0544'N GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 54.2100'W GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 5300 FT Landowner Details (Permission?): USDA NATIONAL FOREST

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: WASATCH FOOTHILS. GROWING WITH ARTEMESIA TRIDENTATA, VARIUOS GRASSES

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

Land Form: FOOTHILS Slope°: 2-10°

Land Use: NONE, RECREATION Aspect: *N* *NE* *E* *SE* *S* *SW* ***W*** *NW*

Geology: LAKE BONNEVILLE DEPOSITS, FARMINGTON CANYON AND LITTLE WILLOW SCHIST AND GNEISS

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

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

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

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

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

Subspecies/Variety:

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

Plant Habit: *Tree* ***Shrub*** *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 2-4 FT

Native plant materials development and research this accession will be used for: RESEARCH, RESTORATION, AND LONG-TERM STORAGE

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

Common Name(s) of Plants: RUBBER RABBIT BRUSH

Photograph Taken: ***Digital*** *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): ERNA10_UT931-165_A,B,C Where Image will be Filed: RED BUTTE GARDEN

Seed Test/Packaging Record

SOS-UT931-165

ERNA10-SOS-UT931-165-09
Ericameria nauseosa
rubber rabbitbrush
BLMS 1.9 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	4.28.10 AC
OSU Sample Taken	# of pounds .20g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 95%
Moisture Content 5.4%
Seed Count 472,500

REMARKS
ENTERED

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

PURITY 85% 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.
						—	—	25.2	5.4

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 .068 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .068 gms
Wt. of Clean Seed .384 gms
TOTAL (Impurities + Clean Seeds) .452 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 85 %

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).

.096 .094 _____ _____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = .96 = 1000 seed wt.
Seeds per Pound = 472,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.054

beg bal .054
WRPIS − .027# 10,000
New bal .027 !

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4.28.10	1050		226-test	AC
		1130	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____