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

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: CLRH

Date Collected (DD/MM/YY): 21/07/04 **Seed Collection Reference Number:** ut930 Bend 31

Collector(s): Matthew Utley

Country: USA **Ecoregion:** Utah Wyoming Rockies **State:** Utah County: Salt Lake

Location Details: 1.5 miles Northeast of Red Butte Garden visitor Center along trail near buck fence

Lat. (dg/min/sec): N 40° 46' 22" GPS Used?: (Yes) No If no, please see other side.

Long. (dg/min/sec): W 111° 49' 09" GPS Datum: *NAD83* (NAD27) *WGS84 Other:*

Elevation (feet): 5185 feet Landowner Details (Permission?): Yes

HABITAT DATA

Habitat & Associated Species: Oak Maple Community, in shade with Iomatium disectum, Acer grandidentatum, Quercus gambelii, and Brodiea.

Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled Other:* None

Land Form: foothills Slope°: 5°

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

Geology: Sandstone

Soil Texture: *Clay Silt* (Sand) *Other:* Soil Color: Redish Brown

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

Family: Onagraceae **No. of Plants Sampled:** 500

Genus: Clarkia **No. of Plants Found (approx.):** 700

Species: rhomboidea **Area Sampled (acres):** ~~25~~ .5

Subspecies/Variety: —

Seeds Collected From: (Plants) *Ground Both*

Plant Habit: *Tree Shrub* (Forb) *Succulent Grass/Grasslike* Plant Height (feet): 1.3

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:

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 1D card needed

Common Name(s) of Plants:

Photograph Taken: (Digital) *35mm* Reference: clarkia rhomboidea June 19, 04 Where Image will be Filed: Red Butte Garden

Seed Test/Packaging Record

SOSUT-93004-14

CLRH-SOSUT-930-BEND31-04
Clarkia rhomboidea
diamond clarkia
SNWC .08 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		10·28·04 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray 95%
Moisture Content —
Seed Count 546,500
GERM ___ TZ ___ Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY ~99% or NOXIOUS WEED only ___

REMARKS
POSTED

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

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
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: _____ gms
Wt. Of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____gms
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 99 % est

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
.083
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TOTAL of ALL Reps _____
Average .083

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

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

2 x Total of 5 reps = .83 = 1000 seed wt.

Seeds per Pound = 546,500

POSTED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.034	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.034

POSTED

Transaction Fee: POSTED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
10·28·04	1520		226-test	AC
		1540	2270-pkg	AC

done

✓	ID card file sample YES!
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ___ **NA**