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: WYAM

Date Collected (DD/MM/YY): 09/08/05 **Seed Collection Reference Number:** UT930-BEND52

Collector(s): Kate SEBASTIAN

Country: USA **Ecoregion:** UT/WYOMING ROCKIES **State:** UTAH **County:** WASATCH

Location Details: Main canyon campground area just past Daniels summit

Lat. (dg/min/sec): N 40° 17.928' **GPS Used?:** *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 111° 15.392' **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 8029 ft **Landowner Details (Permission?):** YES

HABITAT DATA

Habitat & Associated Species: Rosa nutkana, Populus tremuloides, Penstemon sp., Eriogonum sp., Symphoricarpos oreophilus.

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

Land Form: HIGH MTN. Slope°: 0°-10°

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

Geology: —

Soil Texture: *Clay* *Silt* *Sand* *Other:* ROCKY Soil Color: BROWN / DARK GRAY

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

Family: ASTERACEAE **No. of Plants Sampled:** 800

Genus: WYETHIA **No. of Plants Found (approx.):** 10,000

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

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.5-2

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No* Rec 8/12

If not, enter details of collector, reference, where lodged, and date collected: 5.013

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): - .500 burlap bag
4.513 / have ID card

Common Name(s) of Plants:

Photograph Taken: *Digital* *35mm* Reference: wyethia amplexicaulis Where Image will be Filed: RED BUTTE GARDEN

Seed Test/Packaging Record

SOSUT-93005-09
WYAM-SOSUT-930-BEND52-2005
Wyethia amplexicaulis
mule-ears
SNWC 4.513 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	10-26-05 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / N	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	96	REMARKS
Moisture Content	—	looks pretty beat up?
Seed Count	33,600	See yellow sheet remarks
GERM ____ TZ ____	Strat Time: NC ____ 4C ____ 8C ____ 13C ____	
PURITY 98 or NOXIOUS WEED only ____		ENTERED

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
96 % Filled
Results from 100 Seed X-ray

M.02

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

Wt. Of Sample: _____ gms
Wt. Of Impurities:
* Crops ____ gms
* Inerts ____ gms — broken pieces +
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: 13.7 gms
Wt. Of Clean Seed .29 gms
TOTAL (Impurities + Clean Seeds) 13.99 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 98 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
1.373 1.327 _____ _____ _____
TOTAL of ALL Reps _____
Average _____

***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 = 13.50 = 1000 seed wt.
Seeds per Pound = 33,600

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	0.465	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.465

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
10-26-05	0850		226-test	AC
		0910	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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