already in NRCS

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: HEV14

Date Collected (DD/MM/YY): 07/08/05

Seed Collection Reference Number: UT 930-Bend 50

Collector(s): Matthew Utley

Country: USA **Ecoregion:** Utah Wyoming Rockies **State:** Utah **County:** SaltLake

Location Details: University Heritage Preserve at the University of Utah, On the Bonneville Shoreline trail .5 miles South of Red Butte Garden.

Lat. (dg/min/sec): N 40°45.51' **GPS Used?:** *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 111°48.94' **GPS Datum:** *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 5117ft **Landowner Details (Permission?):** Yes

HABITAT DATA

Habitat & Associated Species: Aristida purpurea, Stipa Commata, Oenothera pallida, Ericameria nauseosa,

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

Land Form: Foothills **Slope°:** 20°

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

Geology: Sand Stone

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: Asteraceae **No. of Plants Sampled:** 200

Genus: Heterotheca **No. of Plants Found (approx.):** 300

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

Subspecies/Variety: —

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): .5→1.5

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: 1 cloth bag 0.074 −0.019 .055#

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

Common Name(s) of Plants: Hairy Golden Aster

Photograph Taken: *Digital* *35mm* Reference: Heterotheca villosa July 19, 05 Where Image will be Filed: Red Butte Gardn

Seed Test/Packaging Record

SOSUT-93005-12

HEVI4-SOSUT-930-BEND50-05
Heterotheca villosa
hairy false goldenaster
SNWC 055 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 1	Date/Initials: 1·04·06 AC
OSU Sample Taken	# of pounds: 0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: 92
Moisture Content: ____
Seed Count: 731,610
GERM ____ TZ ____ Strat Time: NC ____ 4C ____ 8C ____ 13C ____
PURITY 93% or NOXIOUS WEED only ____

REMARKS: 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

92 % 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: .005 gms
Wt. Of Clean Seed .062 gms
TOTAL (Impurities + Clean Seeds) .067 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 93 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
.062
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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 = .62 = 1000 seed wt.
Seeds per Pound = 731,610

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.008	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.008

ENTERED

Transaction Fee: ____ ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
1·4·06	1230		226-test	AC
		1300	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

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