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

BEND

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: CRCO12

Date Collected (DD/MM/YY): 28/06/04 **Seed Collection Reference Number:** UT030-064

Collector(s): JACKIE CAMPBELL, RICH CRAWFORD, MATT FIDANQUE

Country: USA **Ecoregion:** 19 **State:** UT County: KANE

Location Details: T43S R4W S28 SMALL MESA OFF HIGHWAY 89 APPROXIMATLY .25 MILE PAST FENCE

E(m): 394291 GPS Used?: ***Yes*** *No* If no, please see other side.

N(m): 4102259 GPS Datum: ***NAD27***

Elevation (m): 1714 Landowner Details (Permission?):

HABITAT DATA

Habitat & Associated Species: JUNIPERUS COMMUNITY DOMINATED BY PURSHIA MEXICANA, PINUS EDULIS, EPHEDRA VIRIDIS, EPHEDRA TORREYANA, ARTEMISIA TRIDENTATA

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

Land Form: FOOTSLOPE Slope°: 0-25

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

Geology: MOENKOPI FORMATION

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

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

Family: BORAGINACEAE **No. of Plants Sampled:** 90

Genus: CRYPTANTHA **No. of Plants Found (approx.):** >500

Species: CONFERTIFLORA **Area Sampled (acres):** 10

Subspecies/Variety:

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

Plant Habit: *Tree Shrub* ***Forb*** *Succulent Grass/Grasslike* Plant Height (feet): .5-2

Does the pressed specimen have the same reference as the seed collection?: NO VOUCHER

If not, enter details of collector, reference, where lodged, and date collected: Rec 7/16/04 1 lg cloth bag

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 0.263 − .078 bag = 0.185#

Common Name(s) of Plants: basin yellow cryptantha

Photograph Taken: ***Digital*** *35mm* Reference: Where Image will be Filed:

Seed Test/Packaging Record

SOSUT-03004-08

CRCO12-SOSUT-030-064-04
Cryptntha confertiflora
basin yellow cryptantha
SNWC .185 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 63%
Moisture Content —
Seed Count 170,520
GERM ___ TZ ___ Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 88% 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

63 % Filled
Results from 100 Seed X-ray

seed size varies reclean would not help?!

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

Wt. Of Sample: _____ gms
Wt. Of Impurities:
* Crops ____ gms
* Inerts .037 gms
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .037 gms
Wt. Of Clean Seed .266 gms
TOTAL (Impurities + Clean Seeds) .303 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 88 %

SEEDS PER POUND

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

.266 ---------- ----------
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TOTAL of ALL Reps _____
Average .266

***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 = 2.66 = 1000 seed wt.
Seeds per Pound = 170,520

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.028	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.028

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	1135		226-test	AC
		1155	2270-pkg	AC

✓ dme	ID card file sample
_____	Regional Office ID file

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