

CUU - Burr Trail

Accession Date: 10/2/09

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code:

Circle relevant descriptions shown in *italics*.

Cleaning Facility:

Bend

Date(s) Collected (DD/MM/YY): 28/09/09

Seed Collection Reference Number: UT933-124

Collector(s): Howe, A., Miller, B., Poirson, E.

Country: USA

Ecoregion (T,O,B):

CO Plateau

State:

Utah

County:

Garfield

Location Details:

Highway 119 E from Richfield, Highway 24 E to Torrey, Highway 12 W to Boulder, Burr Trail S to Deer Creek Res Area 4 mi.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

37° 50' 55.06" N

GPS Used?:

Yes

No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

111° 22' 14.02" W

GPS Datum:

NAD83

NAD27

WGS84

Other:

Elevation (feet):

5810

Landowner Details (Permission?):

BLM admin.

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Slickrock desert, <sup>perennial</sup> riparian ecotone; *Artemisia tridentata*, *Chrysothamnus viscidiflorus*, *Oenothera palladium*, *Mentzelia* sp., *Pinus edulis*, *Pinus ponderosa*, *Rhus* sp., *Juniperus osteosperma*.

Modifying Factors:

Mowed Burned Grazed Flooded Seeded  Trampled Other:

Land Form:

Navajo sandstone, sedimentary stratification

Slope°:

0-10

Land Use:

Recreation, Nat.'l Monument

Aspect:

N  NE  E  SE  S  SW  W  NW

Geology:

Colorado Plateau

Soil Texture:

Clay Silt  Sand Other:

Soil Color:

Light brown

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

Family:

Capparaceae

No. of Plants Sampled (min. 50):

50

Genus:

Cleome

No. of Plants Found (approx.):

55

Species:

*lutea*

Area Sampled (acres):

1.0

Subspecies/Variety:

Seeds Collected From:

Plants

Ground

Both

Plant Habit:

Tree

Shrub

Forb

Succulent

Grass/Grasslike

Plant Height (feet):

2-4.0

Native plant materials development and research this accession will be used for:

general research

site rehabilitation

germ-plasm studies

long-term storage

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

Yellow flowers, peppery scent, less herbaceous than *Cleome serrulata*

Common Name(s) of Plants:

Yellow Beeplant

Photograph Taken:

Digital

35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:

PRIORITY

SOS-UT933-174

Seed Test/Packaging Record

CLLU2-SOS-UT933-174-09  
Cleome lutea  
yellow bee plant  
BLMS .97 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 1-13-10 AC
OSU Sample Taken	# of pounds .9g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	96%	REMARKS  ENTERED
Moisture Content	6.5%	
Seed Count	106,200	
GERM <u>—</u> TZOS <u>u</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>		
PURITY <u>99</u> % or NOXIOUS WEED only <u>—</u>		

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.
							69'	33'-	6.5

X-Ray Results

96 % Filled

Results from  
100 Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{(Wt. of Total)}} \times 100 = \sim 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.419 .434 .425

TOTAL of ALL Reps: \_\_\_\_\_

Average: \_\_\_\_\_

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

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

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

2 x Total of 5 reps = 4.27 = 1000 seed wt.

Seeds per Pound = 106,200

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.271		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.271

beg. bal. .271  
WRPIS .100 10,000  
New bal .171

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

DATE	Start	Stop	Process	Initials
1-13-10	0835		226-test	AC
		0905	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_