

Appendix 2. BLM Seeds of Success Field Data Form

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in italics.

Accession Date: 7/30/09

MSB Serial Number:

NRCS PLANTS Code: CHDO

Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 6/30/09 Seed Collection Reference Number: UT-080-20

Collector(s): Maria Ulloa, FREY, K. WINKLER, D.

Country: USA Ecoregion (T.O. B):  State: UT County: Uintah

Location Details: From Vernal, travel east on Hwy 40. Turn right on Bonanza Hwy. Located on steep cut slopes before Green River, south side of road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 40° 14' 34.876" N GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 109° 27' 13.704" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5018 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: GUTIERREZIA OPUUNTIA, ASTERACEAE, ARTEMESIA TRIDENTATA STIPA COMANTA, ORYZOPSIS HYMENOIDES, BROMUS TECTORUM ONAGRACEAE

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: steep slope Slope°: 50-60°

Land Use: road corridor/grazing Aspect: (N) NE E SE S SW W NW

Geology: UINITAH BASIN

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: Asteraceae No. of Plants Sampled (min. 50): 75

Genus: Chaenactis No. of Plants Found (approx.): 500

Species: douglasii Area Sampled (acres): .5

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

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

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

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

Common Name(s) of Plants: DOUGLASS CHAENACTIS

Photograph Taken: Digital 35mm Reference (PLANTS Code, Coll. Number, Pic. No.):  Where Image will be Filed:

# Seed Test/Packaging Record

**PRIORITY**

SOS-UT080-20

CHDO-SOS-UT080-20-09  
 Chaenactis douglasii  
 Douglas' dustymaiden  
 BLMS .62 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	10-29-09 AC
OSU Sample Taken	# of pounds	
	1.35g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	91
Moisture Content	5.9%
Seed Count	266,800
REMARKS	
GERM <u>    </u> TZ <u>OSU</u> Strat Time: NC <u>    </u> 4C <u>    </u> 8C <u>    </u> 13C <u>    </u>	
PURITY <u>98</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.
							73'	27.7	5.9

X-Ray Results
91 % 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: <u>.007</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.339</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>.346</u> gms
• Inerts <u>.007</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND	** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable
Weight to three decimal places, when possible Wt. of 5 reps of 100 seeds each (in grams)	Difference between max & Min wt. _____ 10% of average _____
<u>.170</u> <u>.169</u>	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = $\frac{1.70}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>266,800</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.092</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.092</u>

WRPIS .022# 5,000 PLS

0.114# Total

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

DATE	Start	Stop	Process	Initials
10-29-09	1450		226-test	AC
		1515	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS