

Cleve Davis @ blm.gov | Tests: X-ray, Moisture content, purity, seeds/pound
TZ test. Store at Band

APPENDIX 2. BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold

NRCS PLANTS Code:

Please circle relevant descriptions shown in *italics*.

HEUNU

Date Collected (DD/MM/YY): 04/08/04 Seed Collection Reference Number: ID075-071

Collector(s): Bryan Simon, Dave Hordijk, Hilary Schoendorf

Country: USA Ecoregion: Columbia Plateau State: ID County: Blaine

Location Details: South side of Cottonwood Canyon

Lat. (dg/min/sec): N 42° 38' 02" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 112° 18' 11.5" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 6974 Landowner Details (Permission?): Caribou National Forest (yes)

HABITAT DATA

Habitat & Associated Species: Rocky slope. Associates: *Ceanothus velutinus*, *Aster parelegans*, *Eriogonum heracleoides*, *Batsaniorhiza sagittata*, *Pseudotsuga menziesii*, *Cercocarpus ledifolius*, *Polygonum douglasii*.

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Mountains Slope: JD

Land Use: Cattle grazing Aspect: N NE E SE S SW W NW

Geology:

Soil Texture: Clay Silt Sand Other: Soil Color:

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

Family: Asteraceae No. of Plants Sampled: ~ 350

Genus: Helianthella No. of Plants Found (approx.): 3000

Species: uniflora Area Sampled (acres): 1

Subspecies/Variety: uniflora

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 1.5

Does the pressed specimen have the same reference as the seed collection?: Yes No

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

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

Common Name(s) of Plants: Oneflower helianthella

1.591
0078
1.5134
Rec 8/9

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

SOSID-07504-24
 HEUNU-SOSID-075-071-04
 Helianthella uniflora
 one-flower helianthella
 SNWC 1.515 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	TZ 10-29-2004 AC
Sample Sent	(Y) N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	94%	ENTERED
Moisture Content	---	
Seed Count	51,550	
GERM	TZ OSU	
Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY ~99% or NOXIOUS WEED only ___		

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
94% 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	TOTAL (Impurities + Clean Seeds) _____ gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \frac{99}{100} \% \text{ est}$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of 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 _____
0.880	
TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average 0.880	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $2 \times 8.80 = 17.60$ = 1000 seed wt.
	Seeds per Pound = $\frac{17.60}{0.0347} = 51,550$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.232		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.		0.232	

Transaction Fee: ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
10-29-04	0910		226-test	AC
		0930	2270-pkg	AC

Yes ID card file sample YES!!

Regional Office ID file

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