

Cleve-davis @blm.gov | Tests: X-ray, moisture content, purity, seeds/pound
 TZ test. Store at Bend

APPENDIX 2. 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: **HEPALL**

Date Collected (DD/MM/YY): **20/07/04** Seed Collection Reference Number: **ID075-049**

Collector(s): **DAVID HORDIJK, HILARY SCHOENDORF**

Country: **USA** Ecoregion: **COLUMBIA PLATEAU** State: **ID** County: **CASSIA**

Location Details: **COTTEREAL MOUNTAINS**

Lat. (dg/min/sec): **N 42° 21' 06"** GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): **W 113° 28' 13"** GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): **6574** Landowner Details (Permission?): **BLM (YES)**

HABITAT DATA

Habitat & Associated Species: **ROCKY VOLCANIC SOILS SA ASSOCIATES: ARTEMISIA TRIDENTATA SSP. VASEYENA, JUNIPERUS OSTEOSPERMA, COLLINSIA PARVIFLORA, DELPHINIUM NUTTALLIANUM, LITHOPHRAGMA BULBIFERA, ERIOGONUM UMBELLATUM, AMELANCHIER SP, SYMPHORICARPOS OREOPHILUS, GEUM TRIFLORUM**

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

Land Form: **MOUNTAINOUS** Slope°: **0-20°**

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

Geology: **BASALT**

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

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

Family: **SAXIFRAGACEAE** No. of Plants Sampled: **1000**

Genus: **HEUCHERA** No. of Plants Found (approx.): **500-5000**

Species: **PARVIFLORA** / **hepau** Area Sampled (acres): **1**

Subspecies/Variety: **UTAHENSIS**

Seeds Collected From: Plants Ground Both

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

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: **Rec 8/9**

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): **hepau** **0.253 med** **0.036 cloth**

Common Name(s) of Plants: **UTAH ALUMROOT** **Solid -21**

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

Seed Test/Packaging Record

SOSID-07504-21
 HEPAU-SOSID-075-049-04
 Heuchera parviflora
 Utah alumroot
 SNWC .215 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		11-01-04
OSU Sample Taken	# of pounds	AC
	.029	
Sample Sent	Y / N	

TZ

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	88	ENTERED
Moisture Content		
Seed Count	6,480,000	
GERM	TZ OSU	
Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY 90% 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
88 % 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 = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = 90\%$
* 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).	
.007	Difference between max & min wt. _____ 10% of average _____

-----	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average = .007	2 x Total of 5 reps = $\frac{.07}{1000} = 1000 \text{ seed wt.}$
	Seeds per Pound = $\frac{6,480,000}{1000}$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.037		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.037

ENTERED

Transaction Fee: ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
11-01-04	1105		226-test	AC
		1130	2270-pkg	AC

	ID card file sample	YES!
	Regional Office ID file	

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