James_greer@blm.gov Tests: x-ray, moisture, purity, seeds/pound, TZ test. Store at Bend

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: HECYG ✓ 6K

Date Collected (DD/MM/YY): 07/07/05 **Seed Collection Reference Number:** ID-320-082

Collector(s): BRUCE HALL, JOHN THOMAS ,MATT GREER

Country: USA **Ecoregion:** MIDDLE-ROCKIES **State:** IDAHO County: CUSTER

Location Details: MORGAN CREEK RD., NORTH OF CHALLIS. FIRST CROSSING GULCH, NORTH OF MORGAN CREEK RECREATION SITE

Lat. (dg/min/sec): N 44°40'07" GPS Used?: [Yes] No If no, please see other side.

Long. (dg/min/sec): W 114°13'39" GPS Datum: [NAD83] NAD27 WGS84 Other:

Elevation (feet): 5656 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: ARTEMISIA TRIPARTITA, ROSA WOODSII, GEUM TRIFLORUM, JUNCUS SP.

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

Land Form: TOE SLOPE OF MOUNTAIN Slope°: 10°

Land Use: GRAZING, RECREATION Aspect: *N NE E SE S SW* [W] *NW*

Geology: BASALT AND GRANITE

Soil Texture: *Clay* [Silt] *Sand Other:* Soil Color:

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

Family: SAXIFRAGACEAE **No. of Plants Sampled:** 75

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

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

Subspecies/Variety: GLABELLA

Seeds Collected From: *Plants Ground Both*

Plant Habit: *Tree Shrub* (Forb) *Succulent Grass/Grasslike* Plant Height (feet): 1

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

1sm cloth bag

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

0.148#
-.019 bagwt
0.129

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

Common Name(s) of Plants: beautiful alumroot

Photograph Taken: [Digital] Reference: HUCYG Where Image will be Filed: CD

SOSID-32005-03

Seed Test/Packaging Record

SOSID-32005-03

HECYG-SOSID-320-082-05
Heuchera cylindrica
beautiful alumroot
SNWC .129 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 1	Date/Initials: 1.9.06 AC
OSU Sample Taken	# of pounds: -02g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: ~85
Moisture Content:
Seed Count: 9,072,000
GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY ~83 or NOXIOUS WEED only ___

REMARKS: ENTERED

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

~85 % Filled

Results from 100 Seed X-ray

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

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

Wt. Of all Impurities: _____ gms
Wt. Of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____gms
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 83 %

SEEDS PER POUND

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

.005
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TOTAL of ALL Reps _____
Average _____

***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 = .05 = 1000 seed wt.

Seeds per Pound = 9,072,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.018	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.018

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
1-9-06	1020		226-test	AC
		1050	2270-pkg	AC

yep	ID card file sample
	Regional Office ID file

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