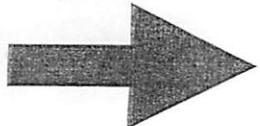


James_greer@blm.gov

Tests: x-ray, moisture, purity, seeds 1 pound, T2 test. Store at Bend

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:

HECYG ✓ 62

Please circle relevant descriptions shown in *italics*.

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

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

1 sm cloth bag 0.148# - .019 bagwt

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

0.129

Common Name(s) of Plants: beautiful alumroot

Photograph Taken: Digital

Reference: HUCYG

Where Image will be Filed: CD

SOSIA. 32005-03

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

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 1	Date/Initials 1-9-06 AC
OSU Sample Taken	# of pounds -0.2g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	~ 85	ENTERED
Moisture Content		
Seed Count	9,072,000	
GERM	TZ OSU Strat Time: NC 4C 8C 13C	
PURITY ~83 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
~85% 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 = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = 83\%$
* 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 _____
.005	

TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $2 \times .05 = 0.10$ = 1000 seed wt.
	Seeds per Pound = $\frac{9,072,000}{0.10}$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.018		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.018

Transaction Fee: _____
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

yes	ID card file sample
	Regional Office ID file

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