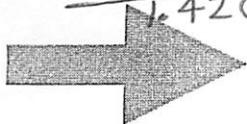


Phacelia

1.640  
-220  
1.420

REC 10/23/07  
1-420  
1 grass bag

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 18 April 2007)



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*.

MSB Serial Number:   
NRCS PLANTS Code: **PHHA**

Date Collected (DD/MM/YY): **9 Aug 2007** Seed Collection Reference Number: **ID-1319**

Collector(s): **Keith Barnes, Elizabeth Barnes**

Country: **USA** Ecoregion:  State: **ID** County: **Boise**

Location Details: **About 11 miles North of Boise on Bogus Basin Rd, then East on unmarked dirt road ~ 2 miles**

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): **43° 44' 06.5" N** GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): **116° 05' 51.4" W** GPS Datum: **NAD83**  NAD27  WGS84  Other:

Elevation (feet): **5444** Landowner Details (Permission?): **USFS**

**HABITAT DATA**

Habitat & Associated Species: **Sunny sites in open PIP0/PSME forest with PREM, PRVI, Ceanothus velutinus, Eriogonum umbellatum, Chaenactis douglasii**

Modifying Factors: **Mowed Burned Grazed Flooded Seeded Trampled** Other: **None**

Land Form: **Mountain slope** Slope°: **20°**

Land Use: **Recreation** Aspect: **N NE E SE (S) SW W NW**

Geology: **Granitic**

Soil Texture: **Clay Silt Sand Other: Sandy Loam** Soil Color: **Light brown / tan**

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

Family: **Hydrophyllaceae** No. of Plants Sampled (min. 50): **400**

Genus: **Phacelia** No. of Plants Found (approx.): **2,000**

Species: **hastata** Area Sampled (acres): **5**

Subspecies/Variety:

Seeds Collected From:  Plants  Ground  Both

Plant Habit:  Tree  Shrub  Forb  Succulent  Grass/Grasslike Plant Height (feet): **1-2**

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: **Silverleaf Phacelia**

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

# Seed Test/Packaging Record

**SOSID-93007-23**

PHHA-SOSID-930-B19-07  
 Phacelia hastata  
 Silverleaf Phacelia  
 BLMS 1.42 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~ 1	Date/Initials 4/1/08 AC
OSU Sample Taken	# of pounds 205g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95	ENTERED
Moisture Content		
Seed Count	467,600	
GERM ___ TZ <u>osu</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>96</u> 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
95 % Filled <sup>Confirmed</sup> w/cut seed
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>.008</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.193</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>.201</u> gms
• Inerts <u>.008</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{96} \%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.096 .097 \_\_\_\_\_

TOTAL of ALL Reps: \_\_\_\_\_

Average: \_\_\_\_\_

\*\* NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.  
 2 x Total of 5 reps = .97 = 1000 seed wt.  
 Seeds per Pound = 467,600

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.169</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.169</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>4-01-08</u>	<u>0850</u>		226-test	<u>AC</u>
		<u>0915</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_