

Horse mint  
2.709  
.224  
2.485  
→

Rec 10/12/07  
1 woven  
2-485 #

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:** AGUR

Please circle relevant descriptions shown in *italics*.

**Date Collected (DD/MM/YY):** 23/08/2007

**Seed Collection Reference Number:** ID-823

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

**Country:** USA

**Ecoregion:** Loamy

**State:** ID

**County:** ~~ADA~~ 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' 11.6" N **GPS Used?:**  Yes  No If no, please see other side.

**Long. (dg/min/sec) (ex: 107° 36' 51.54" W):** 116° 06' 33.0" W **GPS Datum:**  NAD83  NAD27  WGS84  Other:

**Elevation (feet):** 5801

**Landowner Details (Permission?):** USFS

**HABITAT DATA**

**Habitat & Associated Species:** Open PIPD / PSME forest with PREM, PRVI, Ceanothus velutinus, Iliamna rivularis

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

**Land Form:** Mountain Slope

**Slope°:** 20

**Land Use:** Recreation

**Aspect:**  N  NE  E  SE  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:** Lamiaceae

**No. of Plants Sampled (min. 50):** ~100

**Genus:** Agastache

**No. of Plants Found (approx.):** ~200

**Species:** urticifolia

**Area Sampled (acres):** 5

**Subspecies/Variety:**

**Seeds Collected From:**  Plants  Ground  Both

**Plant Habit:**  Tree  Shrub  Forb  Succulent  Grass/Grasslike

**Plant Height (feet):** 2-3

**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:** Horse mint / Nettleleaf Giant hyssop

**Photograph Taken:**  Digital  35mm

**Reference (PLANTS Code, Coll. Number, Pic. No.):**

**Where Image will be Filed:**

SOSID-93007-19

AGUR-SOSID-930-B23-07  
 Agastache urticifolia  
 nettleleaf giant hyssop/horse nettle  
 BLMS 2.485 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	3/25/08
OSU Sample Taken	# of pounds	AC
	.11 g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	82	 <b>ENTERED</b>
Moisture Content		
Seed Count	872,300	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	98	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

82 % 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: <u>.202</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.103</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>.105</u> gms
• Inerts <u>.002</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>98</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.050 .053 \_\_\_\_\_

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 = .52 = 1000 seed wt.

Seeds per Pound = 872,300

FINAL PACKAGING for Seed Storage/Transfer

Bag # 1	Bag Wt. <u>.265</u>	Bag #	Bag Wt.
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.265</u>

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

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

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

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-25-08	1500		226-test	AC
		1530	2270-pkg	AC

	ID card file sample
	Regional Office ID file

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