



Use BLOCK CAPITALS

MSB Serial Number: 

Complete all fields.

NRCS PLANTS Code: Circle relevant descriptions shown in *italics*.Cleaning Facility: Date(s) Collected  
(DD/MM/YY): Seed Collection Reference Number: Collector(s): Country: Ecoregion  
(T, Q, B): State: County: 

Location Details:

Lair o' the Bear Park-From 6<sup>th</sup> Ave. & Simms travel west on US-6 for 2.7 miles. Merge onto I-70 west and travel .9 miles, merge onto C-470 east and travel 4.4 miles, merge onto w Morrison Road/CO-8, travel through the town of Morrison and continue w on highway 74 for approximately 4 miles, turn left into Lair o' the Bear Park. Hike east on the Bear Creek trail for approximately .5 miles to Ouzel Bridge. Cross the bridge and continue on Bruin Bluff trail for about .25 miles.. Plants are growing to the south in a sloping meadow.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):  GPS Used?:  Yes  No If no, please see other side.Long. (dg/min/sec) (ex: 107° 36' 51.54" W):  GPS Datum:  NAD83  NAD27  WGS84  Other:Elevation (feet): Landowner Details (Permission?): 

## HABITAT DATA

Habitat, Associated  
Species & Ecological  
Site Descriptor:

Foothills to Plains. Associated Species: *Pinus ponderosa*, *Picea pungens*, *Pseudotsuga menziesii*, *Bromus inermis*, *Cercocarpus montanus*, *Acer glabrum*, *Grindelia squarrosa*, *Erigeron flagellaris*, *Penstemon virens*, *Eriogonum umbellatum*, *Sedum lanceolatum*, *Achillea lanulosa*, *Potentilla sp.*, *Rosa woodsii*, *Monarda fistulosa*, *Mahonia repens*, *Aster porteri*, *Aster laevis*

Modifying Factors: Land Form: Slope°: Land Use: Aspect:  N  NE  E  SE  S  SW  W  NWGeology: Soil Texture: Soil Color: 

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

Family: No. of Plants Sampled (min. 50 ): Genus: No. of Plants Found (approx.): Species: Area Sampled (acres): Subspecies/Variety: Seeds Collected From:  Plants  Ground  BothPlant Habit:  Tree  Shrub  Forb  Succulent  Grass/GrasslikePlant Height (feet): Native plant materials  
development and research  
this accession will be used  
for:Notes to assist identification  
of pressed specimen (e.g.  
flower color, odor, presence  
of closely related species):

2 fertile stamens; calyx radially symmetrical; corolla 2-lipped, more than 10mm long; flowers large and rose pink. Streamsides, canyonsides, and meadows in the foothills. Reference: Colorado Flora: Eastern Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 227-230 pp.

Common Name(s) of Plants:  ✓

# Seed Test/Packaging Record

SOS-CO932-190

MOFI-SOS-CO932-190-09

Monarda fistulosa

wild bergamot

BLMS

1.54 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	5/6/2010 AC
OSU Sample Taken	# of pounds	
	.0950	
Sample Sent	(Y/N)	
	(Y)	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	87	REMARKS 
Moisture Content	5.8	
Seed Count	1,008,000	
GERM	___	TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99%	or NOXIOUS WEED only ___

## MOISTURE CONTENT (use one of three methods below)

**Dole Meter**			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
								26.7	5.8

## X-Ray Results

87 % 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	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

## SEEDS PER POUND

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

.045 .045 \_\_\_\_\_

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 =  $\frac{453600}{1000}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = .45 = 1000 seed wt.

Seeds per Pound = 1,008,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.213</u>

beg bal .213  
WRPIS - .013 + ~10,000  
New bal .200

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/6/10	0840		226-test	AC
		0920	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

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