

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: MOOD

Circle relevant descriptions shown in *italics*.

Cleaning Facility: Bend, OR

Date(s) Collected (DD/MM/YY): 14/08/09

Seed Collection Reference Number: ID931-194

Collector(s): Scott Taylor

Country: USA Ecoregion (T,O,B): O-80 State: Idaho County: Owyhee

Location Details: 28 miles south of Grandview, Idaho on Mudflat Road. Pass Summit Springs wetland on the south side of road. Turn left (south) on small dirt road at signed intersection that follows Battle Creek towards Jacks Creek. Continue 9 miles parallel to Battle Creek. Hill on north side of Battle Creek and road, south-facing aspect. Pass through gate at Private Ranch and continue on road for 3 miles. Population on rocky slopes.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42° 36' 0.94"N GPS Used?: Yes If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): -116° 15' 22.71"W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5823 feet Landowner Details (Permission?): Bureau of Land Management (Yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Plants growing in mud and clay deposits around lava rock outcrops. Seasonally wet rock shelf that provides mesic soil for *Ribes sp.*, *Symphoricarpos albus*, *Rosa sp.*, *Eriogonum heracleoides*, *Agastache utricifolia*, *Penstemon deustus*, *Heliopsis sp.*, and *Haplopappus carthamoides*.Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Slope and toe of slope Slope°: 15-60°

Land Use: Grazing Aspect: N NE E SE S SW W NW

Geology: Volcanic

Soil Texture: Clay Silt Sand Other: Soil Color: brown

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

Family: Lamiaceae

No. of Plants Sampled (min. 50): 50

Genus: *Monardella*

No. of Plants Found (approx.): 50

Species: *odoratissima*

Area Sampled (acres): 1 acre

Subspecies/Variety: Seeds Collected From: Plants Ground BothPlant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (inches): 6"-9"

Native plant materials development and research this accession will be used for:

Conservation/restoration

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

Opposite aromatic leaves, light pink terminal flowers. Plants slightly clumpy. See nearby ID931-188, 189, and 193 for more data

Common Name(s) of Plants: Mountain monardella

Photograph Taken: Digital

Reference (PLANTS Code, Coll. Number, Pic. No.): MOOD_ID931-194_1

Where Image will be Filed: Idaho State Office

✓ Rec'd 10/1

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Seed Test/Packaging Record

SOS-ID931-194

MOOD-SOS-ID931-194-09
 Monardella odoratissima
 mountain monardella
 BLMS .33 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	4-7-2010 AC
OSU Sample Taken	# of pounds	
	.118g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95	ENTERED
Moisture Content	too few	
Seed Count	768,800	
GERM	— TZOSu	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.
								too few	

X-Ray Results
95 % 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 = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND	** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable
Weight to three decimal places, when possible Wt. of 5 reps of 100 seeds each (in grams).	
.057 .059	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{.59}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = $\frac{768,800}{1000} = 768,800$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.010

ENTERED
 beg bal .010
 WRPIS ALL ~7,200
 New bal 0

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-7-10	1240		226-test	AC
		1305	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____