

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: BRL0M
Storage Facility: Bend
Date Collected: 05 NOV 2009
Seed Collection Reference Number: NV030-313
Collector(s): Miceli, D., Mausert-Mooney, C., Robinson, A.

ASTERACEAE

Brickellia longifolia var. *multiflora*

313

long leaf
brickell bush

Country: United States Ecoregion: 11, Great Basin

State: Nevada County: Churchill

City/Town/Park: # Geographic Area: Stillwater Mountains

Location Details: take Hwy50 east through Fallon, turn left on 116 towards stillwater (go approx. 40 miles up; dirt road is on rt) You will see a large mine in the foothills of the stillwater mountains

Lat. (dg/min/sec): 39° 48' 17.7" N Long. (dg/min/sec): 118° 12' 57.0" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1397 M

Associated Species: *Sarcobatus vermiculatus*, *Chrysothamnus viscidiflorus*, *Atriplex confertifolia*, *Eriogonum heermannii*, *Bromus tectorum*, *Lygodesmia spinosa*, *Halogeton glomeratus*

Habitat: Desert Shrubland, Greese Wood

Modifying Factors: None

Land Form: Canyon Aspect: 254

Land Use: Grazing Slope: 5°

Geology: #

Soil: Sandy Loam

No. of Plants Sampled and Misc.: 30 plants sampled

No. of Plants Found: ca 100

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: Height 4-6'

Common Name(s): #

Photograph (to be send electronically to SOS National Office) file name: #

Identification

Robinson, A. - BLM, In Field, 11/5/09

Herbarium Vouchers

Does the pressed specimen have the same reference as the seed collection? Yes No

No. of Herbarium Vouchers: 4 Vouchers Taken

- a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- c. All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.
- d.

DWS
12/15

Seed Test/Packaging Record

PRIORITY

SOS-NV030-313

BRL0M-SOS-NV030-313-09
 Brickellia longifolia var. multiflora
 longleaf brickellbush
 BLMS 12.74 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	1-16-10
OSU Sample Taken	# of pounds	AC
	.09g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU

100 Seed X-ray	93.1	REMARKS
Moisture Content	5.8%	
Seed Count	2,668,200	
GERM	—	TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	98.1	or NOXIOUS WEED only ___

ENTERED

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.
						—	67'	26-7	5.8

X-Ray Results

93	% Filled
100	Results from Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: .02 gms
Wt of Impurities:	Wt. of Clean Seed 1.15 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 1.17 gms
• Inerts .02 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 98.1\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.016 .017

 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 = $\frac{.017}{.017} = 1000 \text{ seed wt.}$
 Seeds per Pound = 2,668,200

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.531		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.531

beg-bal -531
 WRPIS - .005# ~10,000+
 New bal. -526

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-16-10	0800		226-test	
		0845	2270-pkg	

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____