



MSB Serial Number: _____
NCRS PLANTS Code: BRMI
Storage Facility: BEND
Date Collected: 06 OCT 2009
Seed Collection Reference Number: NV030-292
Collector(s): Micelli, D; Rivas, C; McCoy -Sulentic, M
ASTERACEAE
Brickellia microphylla

Country: United States **Ecoregion:** 11, Great Basin
State: Nevada **County:** Lyon
City/Town/Park: # **Geographic Area:** Churchill narrows
Location Details: #
Lat. (dg/min/sec): 39° 12' 57.418" N **Long. (dg/min/sec):** 119° 17'15" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 1324 M
Associated Species: *Chrysothamnus sp.*, *Prunus andersonii*, *Purshia tridentata*, *Artemisia tridentata*, *Achnatherum hymenoides*, *Salsola kali*, *Mentzelia laevicaulis*, *Ephedra nevadensis*, *Atriplex canescens*
Habitat: #, shrub
Modifying Factors: #
Land Form: ephemeral wash **Aspect:** 60 NE
Land Use: Recreation **Slope:** 1°
Geology: Alluvium and Mass Wasting
Soil: 10YR 6/2 dry; 10YR 4/2 moist
No. of Plants Sampled and Misc.: #
No. of Plants Found: ca 250
Area Sampled: 6 A
Seeds Collected From: seed - many individuals, plant
Description: #
Common Name(s): #
Photograph (to be send electronically to SOS National Office) file name:
BRMI-NV030-292-A, BRMI-NV030-292-B, BRMI-NV030-292-C

Identification

McCoy-Sulentic, M- BLM, In Field, 10/6/09

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.

PRIORITY

SOS-NV030-292

Seed Test/Packaging Record

BRMI-SOS-NV030-292-09
Brickellia microphylla
littleleaf brickellbush
BLMS 2.3 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	1-16-10
OSU Sample Taken	# of pounds	AC
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	90%	
Moisture Content	5.97%	
Seed Count	1,591,000	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>86</u> 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.
							68	27.5	5.9

X-Ray Results
90 % 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>.09</u> gms
Wt of Impurities: <u>small garbage seems to stick to the seed.</u>	Wt. of Clean Seed <u>.555</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.645</u> gms
• Inerts <u>.09</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{86} \%$
• Weeds _____ gms	<i>as w/ Lot 290 (same species)</i>
• Noxious _____ gms	<i>some seed appears damaged - broken or frayed. not a lot of it though. (same as other lot)</i>

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).	
<u>.028</u> <u>.029</u>	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 = <u>.285</u> = 1000 seed wt.
	Seeds per Pound = <u>1,591,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.071</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.071</u>

beg bal .071
 WRPIS - .009 * 10,000
 New bal = .062

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

DATE	Start	Stop	Process	Initials
1-16-10	0945		226-test	AC
		1030	2270-pkg	AC

ok
 ID card file sample
 Inventory Card Completed

POSTED TO: Lot Completion Logbook _____ Computer NMIS _____