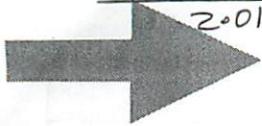


REC 10/22/01
3 cloth bags
2012#

2.129
v117



2012 Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: **MUPO2**

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 10-18-07 **Seed Collection Reference Number:** NM930-044

Collector(s): MACIAS, T., NEWMAN, D.

Country: USA **Ecoregion:** 24 **State:** NM **County:** OTERO

Location Details: IN BOARDWELL CANYON, 15 MILES DUE NORTH OF DELL CITY, TEXAS.
UTM ZONE 13: E 479906, N 3557957

Lat. (dg/min/sec): N 32° 09' 27.4" **GPS Used?** Yes No If no, please see other side.

Long. (dg/min/sec): W 105° 12' 48.2" **GPS Datum:** NAD83 NAD27 WGS84 Other:

Elevation (feet): 3993 FT **Landowner Details (Permission?):** BLM

HABITAT DATA

Habitat & Associated Species: MIX SHRUB ROLLING UPLAND. SETERIA LEUCOPILA, SPOROBOLUS FLEXUOSUS, GUTIERRIZIA SAROTHRAE, BAHIA PEDATA OPUNTIA SPP., BAHIA ABSINTHIFOLIA, CYLINDROPUNTIA LEPTOCAULIS, CHOLLA SPP., LARREA TRIDENTATA, DASYOCHLOA PULCELLA

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled **Other: BRUSH CONTROL**

Land Form: VALLEY FLATS **Slope°:** 2°

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

Geology: PERMIAN SAN ANDRES FORMATION-ALUVIAN

Soil Texture: Clay Silt Sand Other: REUKOR-TOME-TENCEE-SILT LOAM **Soil Color:** 10Y/R 6/3 PALE BROWN

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

Family: POACEAE

No. of Plants Sampled: 500

Genus: MUHLENBERGIA

No. of Plants Found (approx.): >5000

Species: PORTERI

Area Sampled (acres): 5 ACRES

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1-4 FT

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): STEMS STIFF, WIRY, ZIG-ZAG, MUCH BRANCHED; PLANTS BUSH-LIKE.

Common Name(s) of Plants: BUSH MUHLI

Photograph Taken: Digital 35mm

Reference: NM930-044 A,B,C

Where Image will be Filed: BLM & BLM WO, NM

SOSNM-93007-07

MUPO2-SOSNM-930-044-07
Muhlenbergia porteri
bush muhli
BLMS 2.01 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	4/22/08
OSU Sample Taken	# of pounds	LAD
	0.043g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	85%	REMARKS
Moisture Content		
Seed Count	2,387,368	
GERM	— TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	86%	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

85 % Filled 10/16

Results from 101 Seed X-Ray

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

Wt. of Sample: _____ gms

Wt of Impurities:

- Crops _____ gms
- Inerts 0.019 gms
- Weeds _____ gms
- Noxious _____ gms

0.095
0.038
0.133

Wt. of All Impurities: 0.019 gms

Wt. of Clean Seed 0.133 gms

TOTAL (Impurities + Clean Seeds) 0.152 gms

Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 87.5\%$

chaff/stems

SEEDS PER POUND

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

0.018 0.020

TOTAL of ALL Reps: 0.095

Average: 0.019

** 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 = 0.190 = 1000 seed wt.

Seeds per Pound = 2,387,368

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.034#		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.034#

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4/22/08	0900	1015	226-test	LAD
			2270-pkg	

✓	LAD 4/22	ID card file sample
✓	LAD 4/22	Regional Office ID file

Inventory Card

POSTED TO: Lot Completion Logbook _____ Computer NMIS _____