



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: **BAPE**

Please circle relevant descriptions shown in italics.

Date Collected (DD/MM/YY): **09/28/2007**

Seed Collection Reference Number: **NM 930-039**

Collector(s): **T. Macias, D. Newman**

Country: **USA**

Ecoregion: **24**

State: **NM**

County: **OTERO**

Location Details: **IN Boardwell Canyon. 15 mi due North of Bell City, TX.**

Lat. (dg/min/sec): **N 32° 10' 01.0" E 481578**

GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec): **W 105° 11' 43.7" N 3558959**

GPS Datum:  NAD83  NAD27  WGS84  Other:

Elevation (feet): **3993 ft**

Landowner Details (Permission?): **BLM**

**HABITAT DATA**

Habitat & Associated Species: **Mix shrub rolling upland; Sporobolus flexuosus  
Cylindropuntia leptocaulis, Gutierrezia sarothrae, Bahia absinthifolia var. decubata,  
Cholla spp., Larrea tridentata, Muhlenbergia porteri, Dasychloa pulchella, Steria leucopila**

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 - Aluvium**

Soil Texture: **Clay  Silt  Sand  Other: **Reactor-Tone-Tencee Silt Loam** Soil Color: **10 YR 6/3 Pale Brown****

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

Family: **Asteraceae**

No. of Plants Sampled: **190**

Genus: **BAHIA**

No. of Plants Found (approx.): **~500**

Species: **PEDATA**

Area Sampled (acres): **120 acres**

Subspecies/Variety:

**1 heavy cloth**

Seeds Collected From:  Plants  Ground  Both

Plant Habit: **Tree Shrub  Forb Succulent Grass/Grasslike**

Plant Height (feet): **1.5-3 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:

**0.132#**

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

**leaves alternate, ternately lobed, leave lobes oblong or oblanceolate not linear or filiform  
Flowers ylw**

Common Name(s) of Plants: **Blunt scale Bahia**

Photograph Taken:  Digital **35mm**

Reference: **BAPE\_NM-930-A** Where Image will be Filed: **BLM, NM & BLMWD**

**BAPE\_NM-930-A-B.jpg  
BAPE\_NM-930-A-C.jpg**

SOSNM-93007-04

BAPE-SOSNM-930-039-07  
Bahia pedata  
bluntscale bahia  
BLMS .15 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	4/21/08
OSU Sample Taken	# of pounds	LAD
	0.061g	
Sample Sent	Y/N	
	(Y)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	86%	
Moisture Content		
Seed Count	1,680,000	
GERM <u>    </u> TZ <u>OSU</u> Strat Time: NC <u>    </u> 4C <u>    </u> 8C <u>    </u> 13C <u>    </u>		
PURITY <u>98%</u> or NOXIOUS WEED only <u>    </u>		

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
86 % Filled $\frac{101}{15}$
Results from 101 Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>0.002</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>0.121</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>0.123</u> gms
• Inerts <u>0.002</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98\%}$ %
• Weeds _____ gms	
• Noxious _____ gms	

$$\begin{array}{r} 0.067 \\ 0.054 \\ \hline 0.121 \end{array}$$

SEEDS PER POUND

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

0.027 0.027 \_\_\_\_\_  
TOTAL of ALL Reps: 0.135  
Average: 0.027

\*\* 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 =  $\frac{0.135}{1000} = 1000$  seed wt.

Seeds per Pound = 1,680,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.012#</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>0.012#</u>

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>4/21/08</u>	<u>1345</u>	<u>1430</u>	226-test	<u>LAD</u>
			2270-pkg	

<input checked="" type="checkbox"/>	<u>LAD</u>	ID card file sample
<input checked="" type="checkbox"/>	<u>LAD</u>	Regional Office ID file

Inventory card

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