

Rec 10/29/07
2 cloth
1-935

2007
072
1,935

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: ANHA

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 10/23/07 **Seed Collection Reference Number:** NM930-048

Collector(s): MOE, M., NEWMAN, D., MACIAS, T., HOWARD, M.

Country: USA **Ecoregion:** 28 **State:** NM **County:** CHAVES

Location Details: 40 MILES EAST OF ROSWELL, NM ON HIGHWAY 380 TO ROADSIDE PARK, THEN 2.3 MILES NORTH. UTM Z13, 609769E, 3702882.8N, NAD 83

Lat. (dg/min/sec): N 33° 27' 35.2" **GPS Used?:** Yes No If no, please see other side.

Long. (dg/min/sec): W 103° 49' 7.7" **GPS Datum:** NAD83 NAD27 WGS84 Other:

Elevation (feet): 4072 **Landowner Details (Permission?):** BLM

HABITAT DATA

Habitat & Associated Species: BLUESTEM / SAND SAGEBRUSH FLAT - SCHIZACHYRIUM SCOPARIUM, QUERCUES HAVARDII, ARTEMISIA FILIFOLIA, GUTIERREZIA SAROTHRAE, ERIOGONUM ANNUUM, SENECIO SPP.

Modifying Factors: Mowed Burned **Grazed** Flooded Seeded Trampled **Other:** PREVIOUS HERBICIDE TREATMENT

Land Form: SAND PLAIN/FLAT **Slope°:** 0-5

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

Geology: QUATERNARY AEOLIAN

Soil Texture: Clay Silt **Sand** Other: STROMAL-FASKIN-MALSTROM FINE SANDS, GENTLY UNDULATING **Soil Color:** 7.5YR 6/4, LIGHT BROWN

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

Family: POACEAE

No. of Plants Sampled: 1000

Genus: ANDROPOGON

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

Species: HALLII

Area Sampled (acres): 20

Subspecies/Variety:

Seeds Collected From: *Plants* Ground Both

2 Bags

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

Plant Height (feet): 2-6

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: VOUCHERS FROM NM930-045 (10/22/2007, BY MOE, NEWMAN, MACIAS, HOWARD) REPRESENT THIS COLLECTION

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): AWN OF THE SESSILE SPIKELET ≤5 MM
COLLECTION PERFORMED AT LATE DISPERSAL. MANY SPIKELETS ARE EMPTY OR UNFORMED, EXPECT FEW SEED. COLLECTION SUPPORTS A PLANNED RESTORATION PROJECT.

Common Name(s) of Plants: SAND BLUESTEM

Photograph Taken: Digital 35mm

Reference: NM930-048-A,B,C

Where Image will be Filed: BLM LAS CRUCES & WASHINGTON

PRIORITY

SOSNM-93007-11

ANHA-SOSNM-930-048-07

Andropogon hallii

sand bluestem

BLMS

1.935 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags ~2	Date/Initials 11/28/07 AC
OSU Sample Taken	# of pounds 0.73g	
Sample Sent	(Y)N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>93</u>	REMARKS
Moisture Content		
Seed Count	<u>62,600</u>	
GERM	<u>—</u>	TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>
PURITY	<u>99.2</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

93 % 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>.011</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.448</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.459</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99.2</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.729 .719 _____

TOTAL of ALL Reps: _____

Average: .724

** 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 = 7.24 = 1000 seed wt.

Seeds per Pound = 62,600

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.291</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	<u>.291</u>

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>11/28/07</u>	<u>1425</u>		226-test	<u>AC</u>
		<u>1455</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook

Computer NMIS

ENTERED