

REC-10/29/07
1 cloth
0-965#

205
040
965

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): **10/22/07** Seed Collection Reference Number: **NM930-045**

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 6.8 MILES NORTH. UTM Z13, 609317.6E, 3709709.9N NAD 83

Lat. (dg/min/sec): N 33° 31' 16.9" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 103° 49' 22.2" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 4062 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: BLUESTEM / SHINNERY OAK SAND DUNES - SCHIZACHYRIUM SCOPARIUM, QUERCUS HAVARDII, SPROPOBOLUS GIGANTEUS, HELIANTHUS SPP., ERIOGONUM ANNUUM, ARTEMISIA FILIFOLIA, YUCCA GLAUCA

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

Land Form: SAND DUNES Slope°: 0-15

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

Geology: QUATERNARY AEOLIAN

Soil Texture: Clay Silt **Sand** Other: ROSWELL FINE SAND 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

Common sand bluestem

Subspecies/Variety:

Seeds Collected From: **Plants** Ground Both

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:

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: NM930-045-A,B,C Where Image will be Filed: BLM LAS CRUCES & WASHINGTON

PRIORITY

SOSNM-93007-08

ANHA-SOSNM-930-045-07
Andropogon hallii
sand bluestem
BLMS .965 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>~ 1</u>	Date/Initials <u>11/28/07</u>
OSU Sample Taken	# of pounds <u>~ 76g</u>	<u>AC</u>
Sample Sent	<u>(Y) N</u>	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>96%</u>	
Moisture Content		
Seed Count	<u>59,900</u>	
GERM <u>-</u> TZ <u>OSU</u> Strat Time: NC <u>-</u> 4C <u>-</u> 8C <u>-</u> 13C <u>-</u>		
PURITY <u>98.7</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

<u>96</u> % Filled
Results from <u>100</u> Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.020</u> gms
Wt of Impurities: _____ gms	Wt. of Clean Seed: <u>1.514</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.534</u> gms
• Inerts _____ gms <i>ergot/broken seed</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98.7} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.759 .755

TOTAL of ALL Reps: _____

Average: .757

** 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 = 7.57 = 1000 seed wt.

Seeds per Pound = 59,900

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.139</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.139</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>1505</u>		226-test	<u>AC</u>
		<u>1535</u>	2270-pkg	<u>AC</u>

<u>done</u>	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook

Computer NMIS

