

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: ANHA

Circle relevant descriptions shown in *italics*.Cleaning Facility:

Date(s) Collected (DD/MM/YY): 16/10/09

Seed Collection Reference Number: NM930-090

Collector(s): MCCLAIN, J., NOLL, M.

Country: USA

Ecoregion (T,O,B): 25

State: NM

County: CHAVES

Location Details: 40 MILES EAST OF ROSWELL ON HWY 380, 2.3 MILES NORTH ON MATHERS RD. UTM: 609769E 3702834N

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

33° 27' 33.61" N

GPS Used?:

 Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

103° 49' 07.71" W

GPS Datum:

 NAD83 NAD27 WGS84 Other:

Elevation (feet): 4065

Landowner Details (Permission?):

BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

BLUESTEM / SHINNERY OAK FLAT / SAND SAGEBRUSH; YUCCA CAMPESTRIS, SCHIZACHYRIUM SCOPARIUM, QUERCUS HAVARDII, ARTEMISIA FILIFOLIA, BOUTELOUA HIRSUTA.

Modifying Factors:

Mowed Burned (IN JUNE) Grazed Flooded Seeded Trampled Other:

Land Form:

SAND PLAINS

Slope°:

0-5°

Land Use:

WILDLIFE CONSERVATION AREA

Aspect:

 N NE E SE S
 SW W NW

Geology:

QUATERNARY AEOLIAN

Soil Texture:

Clay Silt Sand Other: STROMAL-KASKIN-MALSTROM FINE SANDS, GENTLY UNDULATING

Soil Color:

10YR-6/3; PALE BROWN

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

Family:

POACEAE

No. of Plants Sampled (min. 50):

400

Genus:

ANDROPOGON

No. of Plants Found (approx.):

>5000

Species:

HALLII

Area Sampled (acres):

12

Subspecies/Variety:

Seeds Collected From:

 Plants Ground
 Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

3-6

Native plant materials development and research this accession will be used for:

FUTURE NATIVE PLANT MATERIALS DEVELOPMENT

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

AWN OF THE SESSILE SPIKELET \leq MM
COLLECTION PERFORMED AT LATE DISPERSAL. MANY SPIKELETS ARE EMPTY OR UNFORMED, EXPECT FEW SEED.

Common Name(s) of Plants:

SAND BLUESTEM

Photograph Taken:

 Digital
35mmReference
(PLANTS Code_Coll.
Number_Pic. No.):ANHA_NM930-
090_A; ANHA_
NM930-090_B;
ANHA_NM930-
090_C

Where Image will be Filed:

LCDO-WO

Seed Test/Packaging Record

SOS-NM930-90

ANHA-SOS-NM930-90-09

Andropogon hallii
sand bluestem

BLMS

2.49 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 5/6/10 AC
OSU Sample Taken	# of pounds 0.86g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>97%</u>	REMARKS why is so much of the seed "naked"? is that our intent?
Moisture Content	<u>4.7%</u>	
Seed Count	<u>112,000</u>	
GERM	<u>—</u>	TZOSU Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>
PURITY	<u>95</u>	or NOXIOUS WEED only <u>—</u>

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.
								21.2	4.7

X-Ray Results

<u>97</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>.04</u> gms
Wt. of Impurities: _____ gms	Wt. of Clean Seed: <u>.806</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.846</u> gms
• Inerts <u>.04</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 95} \%$
• Weeds _____ gms	
• Noxious _____ gms	

most is broken seed

SEEDS PER POUND

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

.410 .396
TOTAL of ALL Reps: _____
Average: _____

** 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 = 4.05 = 1000 seed wt.
Seeds per Pound = 112,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.144</u>

bag bal .144
WRPIS .098 10,000
Newbal .046

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>5-6-10</u>	<u>1130</u>		226-test	<u>AC</u>
		<u>1210</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____