

Rec 10/20

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code:

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 14/10/04

Seed Collection Reference Number: AZ-930-0039R

Collector(s): S. Hunkins, B. Davis

Country: USA

Ecoregion: APACHEHI

State: AZ

County: COCHISE

Location Details: CORONADO NATIONAL FOREST. ARIZONA TRAIL TRAILHEAD, NEAR PARKER CANYON LAKE, OFF SOUTH LAKE DRIVE.

Lat. (dg/min/sec): N 31° 25.187'

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

Long. (dg/min/sec): W 110° 26.507'

GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5695'

Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: SEMIDESERT GRASSLAND. WITH JUNIPERUS DEPPEANA, QUERCUS OBLONGIFOLIA, MANZANITA SP., BOUTELOUA HIRSUTA, BOUTELOUA CURTIPENDULA, SCHIZACHYRIUM SP., PANICUM OBTUSUM, LEPTOCHLOA DUBIA, LYCURUS PHLEOIDES, MACHAERANTHERA GRACILIS

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

Land Form: HILLTOP

Slope°: 0°-5°

Land Use: MULTIPLE USE

Aspect: N NE E SE S SW W
NW

Geology: FAULTED PALEOZOIC ROCKS

Soil Texture: Clay Silt Sand Other:

Soil Color: ORANGEISH-BROWN

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

Family: POACEAE

No. of Plants Sampled: 236

Genus: BOTHRIOCHLOA

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

Species: BARBINODIS

Area Sampled (acres): 2

Subspecies/Variety:

Seeds Collected From: Plants Ground BothPlant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 3

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:

1. gmc
0.315

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

Common Name(s) of Plants: CANE BLUESTEM

Seed Test/Packaging Record

SOSAZ-93004-22

BOBA3-SOSAZ-930-0039R-04
Bothriochloa barbinodis
cane bluestem
SNWC 315 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	2-18-05 AC
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	<u>50%</u>	ENTERED
Moisture Content		
Seed Count	<u>458,180</u>	
GERM	___ TZ ___	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>98%</u> 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
<u>50</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>010</u> gms
Wt. Of Impurities:	Wt. Of Clean Seed <u>495</u> gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>505</u> gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{98} \%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.
Weight to three decimal places, when possible	
Wt. Of 5 reps of 100 seeds each (in grams).	Difference between max & min wt. _____ 10% of average _____
<u>0.099</u>	

TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = <u>0.99</u> = 1000 seed wt.
	Seeds per Pound = <u>458,180</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.054</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			<u>0.054</u>

Transaction Fee: **ENTERED**

Seedbank Location _____

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
<u>2-18-05</u>	<u>1015</u>		226-test	<u>AC</u>
		<u>1035</u>	2270-pkg	<u>AC</u>

_____	ID card file sample
_____	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____ Inventory Card Y NA