



Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number: USBG-9

NRCS PLANTS Code: RHLA7

Cleaning Facility: NCBG

Date(s) Collected (DD/MM/YY): 20 Aug 2009

Seed Collection Reference Number: USBG-9

Collector(s): Walker, A., Read, Q., Pyatt, J.

Country: USA Ecoregion (T,O,B): 83 State: NC County: Pender

Location Details: TNC Shaken Creek Preserve, at intersection next to "Aligator Lake" sign

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 34 34' 58.4" N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 77 38' 37.8" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 68 Landowner Details (Permission?): Yes

## HABITAT DATA

Habitat, Associated Species &amp; Ecological Site Descriptor: Disturbed margin of borrow pit, coastal plain sediment, Rhynchospora colorata, Panicum virgatum, Pycnanthemum flexuosum, Hyptis elata, Pinus serotina, Lachnanthes caroliniana, Dichanthelium scoparium

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

Land Form: plain Slope°: 0

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

Geology: Coastal Plain, underlain by limestone

Soil Texture: Clay Silt Sand Other: Soil Color: black

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

Family: Cyperaceae

No. of Plants Sampled (min. 50): 500

Genus: Rhynchospora

No. of Plants Found (approx.): 10000

Species: latifolia

Area Sampled (acres): 5

Subspecies/Variety:

Seeds Collected From: **Plants** Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 3

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

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

Common Name(s) of Plants: White-bract sedge

sand swamp white top

Photograph Taken: Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:

# Seed Test/Packaging Record

**SOS-USBG-9**

RHLA7-SOS-USBG-9-09  
Rhynchospora latifolia  
sandswamp whitetop  
BLMS .038 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags 0	Date/Initials 4-9-10 AC
OSU Sample Taken	# of pounds .095g	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	92	ENTERED
Moisture Content	4.5	
Seed Count	986,000	
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 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.
								19.6	4.5

X-Ray Results
92 % 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: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 98} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND	** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable
Weight to three decimal places, when possible Wt. of 5 reps of 100 seeds each (in grams). <u>.046</u> <u>.045</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2. 2 x Total of 5 reps = <u>.46</u> = 1000 seed wt. Seeds per Pound = <u>986,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.023</u>

beg. bal .023  
WRPIS - .012 \* 10,000  
New bal .011

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

DATE	Start	Stop	Process	Initials
4-9-10	1515		226-test	AC
		1550	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS