SOSAZ 93007-21

SEEDS OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: LEPAB
Storage Facility: Bend
Date Collected: 04 SEP 2007
Seed Collection Reference Number: AZ930-223
Collector(s): Rice, K., Johnson, J., Gray, M.
POACEAE
Leptochloa panicea ssp. brachiata

Rec 10/16/2007
1 med. manilla env.
.213 #

.288
.075
.213 #

Country: United States **Ecoregion**: 23, Sonoran Desert
State: Arizona **County**: Yavapai
City/Town/Park: Agua Fria National Monument **Geographic Area**: Perry Mesa
Location Details: Agua Fria National Monument. Bloody Basin Road. 7 miles east of junction with Interstate 17
Lat. (dg/min/sec): 34° 14' 31.9" N **Long. (dg/min/sec)**: 112° 02'53.2" W
GPS: NAD83
Landowner Details (Permission): BLM (yes)
Altitude: 3667 FT
Associated Species: *Juniperus sp.,Prosopis velutina,Acacia greggii,Gutierrezia sp.,Opuntia engelmannii,Opuntia whipplei,Eriogonum wrightii,Pleuraphis mutica,Hilaria belangeri*
Habitat: Semi-desert Grassland,
Modifying Factors: None
Land Form: Mesa **Aspect**: All
Land Use: Multiple Use **Slope**: 0°
Geology: Igneous basalt
Soil: Brown, Silt and Clay
No. of Plants Sampled and Misc.: 300 plants sampled
No. of Plants Found: > 5000
Area Sampled: 1 A
Seeds Collected From: seed - many individuals, plant
Description: Height: 8"
Common Name(s): mucronate sprangeltop
Photograph (to be send electronically to SOS National Office) file name: LEPAB-AZ930-223-A,LEPAB-AZ930-223-B,LEPAB-AZ930-223-C
Identification
Johnson, J. - DES, In field, September, 4, 2007
Herbarium Vouchers
Does the pressed specimen have the same reference as the seed collection? **Yes** No
No. of Herbarium Vouchers: 1-sent to Smithsonian

a. All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
b. One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
c. **All herbarium duplicates will be sent to -- Smithsonian -- herbarium that has agreed to arrange labeling, verification and distribution.**

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

Regional Herbarium: Local Herbarium:

Seed Test/Packaging Record

PRIORITY

SOSAZ-93007-21

LEPAB-SOSAZ-930-0223-07
Leptochloa panicea
mucronate sprangletop
BLMS .21 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	12/17/07 AC
OSU Sample Taken	# of pounds .025g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 93
Moisture Content —
Seed Count 4,123,600

REMARKS ENTERED

GERM — TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 98.1 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

93 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms flower/stem pieces
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .002 gms
Wt. of Clean Seed .125 gms
TOTAL (Impurities + Clean Seeds) .127 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 98 %

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).

.011 .011 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .11 = 1000 seed wt.
Seeds per Pound = 4,123,600

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.245	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.245

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number 02Ship08

Date	Wt. Shipped	Ship via	Purpose Remarks
1/4/08			

DATE	Start	Stop	Process	Initials
12/17/07	0810		226-test	AC
		0845	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook _____ Computer NMIS_____