SEEDS OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: PLPA2
Storage Facility: Bend
Date Collected: 11 JUN 2007
Seed Collection Reference Number: AZ930-0211
Collector(s): Johnson, J., Gray, M.
PLANTAGINACEAE
Plantago patagonica

Country: United States **Ecoregion**: 23, Sonoran Desert
State: Arizona **County**: Gila
City/Town/Park: Tonto National Forest **Geographic Area**: Tonto Creek
Location Details: Tonto National Forest. Tonto Creek. Forest Road 417. 5 miles east of junction with State Route 87. 0.5 miles on trail to narrows.
Lat. (dg/min/sec): 34° 07'35.9" N **Long. (dg/min/sec)**: 111° 15'1.7" W
GPS: NAD83
Landowner Details (Permission): USFS (yes)
Altitude: 3007 FT
Associated Species: *Juniperus sp., Carnegia gigantea, Simmondsia chinensis, Prosopis velutina, Acacia greggii, Opuntia engelmannii, Dasylirion wheeleri, Dodonaea viscosa, Fouquieria splendens*
Habitat: Sonoran Desertscrub - Arizona Upland Division,
Modifying Factors: None
Land Form: Creek **Aspect**: Northwest
Land Use: Recreation **Slope**: 0 - 30°
Geology: Metamorphic
Soil: Tan, Silt and Sand
No. of Plants Sampled and Misc.: 600 plants sampled
No. of Plants Found: 6000
Area Sampled: 1 A
Seeds Collected From: seed - many individuals, plant
Description: Height: 6"
Common Name(s): wooly plantain
Photograph (to be send electronically to SOS National Office) file name: PLPA2-AZ930-0211-A,PLPA2-AZ930-0211-B
Identification
Johnson, J. - DES, In herbarium, June, 15, 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:

Rec 6/27/07
1 gusc
0.496
.151
0.345 #

Seed Test/Packaging Record

SOSAZ-93007-15

PLPA2-SOSAZ-930-0211-07
Plantago patagonica
wooly plantain
SNWC .345 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	2-19-08 AC
OSU Sample Taken	# of pounds .325g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90
Moisture Content —
Seed Count 283,500

REMARKS ENTERED

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

PURITY ~99 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

90 % 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
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = ~99 %

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).

.161 .159 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

NOTE: Seeds/Pound = 435600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 1.60 = 1000 seed wt.
Seeds per Pound = 283,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.152	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.152

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-19-08	1320		226-test	AC
		1340	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____