SEEDS OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: PLPA2
Storage Facility: Bend
Date Collected: 21 MAY 2008
Seed Collection Reference Number: AZ930-245
Collector(s): Johnson, J., Head, J.
PLANTAGINACEAE
Plantago patagonica

Rec 6/18

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. Perry Mesa. Bloody Basin Road, 7.5 miles east of junction with Interstate 17.
Lat. (dg/min/sec): 34° 14' 13.4" N **Long. (dg/min/sec)**: 112° 02' 29.3" W
GPS: NAD83
Landowner Details (Permission): BLM (yes)
Altitude: 3687 FT
Associated Species: *Juniperus sp., Prosopis velutina, Acacia greggii, Pleuraphis mutica, Avena fatua, Hordeum pusillum, Erodium cicutarium, Plantago patagonica, Microseris lindleyi, Heliomeris longifolia var. annua, Amsinckia sp., Cylindropuntia sp., Opuntia phaeacantha*
Habitat: Semidesert Grassland
Modifying Factors: Grazed
Land Form: Mesa **Aspect**: All
Land Use: Multiple Use **Slope**: 0-5°
Geology: Basalt
Soil: 5YR5/2 Pale brown, silt >> clay
No. of Plants Sampled and Misc.: 1,000 plants sampled
No. of Plants Found: >5000
Area Sampled: 4 A
Seeds Collected From: seed - many individuals, plant
Description: Height: 4-8"
Common Name(s): woolly plantain
Photograph (to be send electronically to SOS National Office) file name: PLPA2-AZ930-245-A, PLPA2-AZ930-245-B, PLPA2-AZ930-245-C
Identification
Johnson, J. – DES, In field, May, 21, 2008
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:

SOSAZ – 10

SOSAZ-93008-10

PLPA2-SOSAZ-930-245-08
Plantago patagonica
wooly plantain
BLMS .86 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	12/3/08 AC
OSU Sample Taken	# of pounds .35g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray ~85%
Moisture Content 6.3%
Seed Count 262,100

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~~** Hygro		
Dial Reading	M.C.	Grams	F° ~~Temp °C~~	RH ~~Time Used~~	% M.C.
			72°	31%	6.3%

X-Ray Results

~85 % 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).

.179 .165 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

NOTE: Seeds/Pound = 453600 / 1000 seed wt. (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 1.73 = 1000 seed wt.
Seeds per Pound = 262,100

* wait for TZ results before PPMC

~~Transaction Fee:~~ _____

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.381	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.381

PACKAGED

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12/3/08	0945		226-test	AC
		1020	2270-pkg	AC

	ID card file sample
	Inventory card completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____