SEEDS OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: PLOV
Storage Facility: Bend
Date Collected: 26 MAR 2008
Seed Collection Reference Number: AZ930-236
Collector(s): Johnson, J., Gray, M.
PLANTAGINACEAE
Plantago ovata

Rec 4/1/02

Country: United States **Ecoregion**: 23, Sonoran Desert
State: Arizona **County**: Maricopa
City/Town/Park: **Geographic Area**: Little Rainbow Valley
Location Details: Little Rainbow Valley. BLM Route 8006. 0.2 miles north of junction with BLM Route 8001.
Lat. (dg/min/sec): 33° 08' 31.6" N **Long. (dg/min/sec)**: 112° 38'0.42" W
GPS: NAD83
Landowner Details (Permission): BLM (yes)
Altitude: 1775 FT
Associated Species: *Olneya tesota,Parkinsonia microphylla,Carnegia gigantea,Larrea tridentata,Lycium fremontii,Ambrosia deltoidea,Chaenactis stevioides,Chorizanthe rigida,Lepidium lasiocarpum*
Habitat: Sonoran Desert Scrub,
Modifying Factors: None
Land Form: Bajada **Aspect**: All
Land Use: Multiple Use **Slope**: 0°
Geology: Granitic
Soil: Tan, Silt and Sand
No. of Plants Sampled and Misc.: 1000 plants sampled.
No. of Plants Found: > 5000
Area Sampled: 1 A
Seeds Collected From: seed - many individuals, plant
Description: White flower. Height:3-5"
Common Name(s): desert indianwheat
Photograph (to be send electronically to SOS National Office) file name: PLOV-AZ930-236-A,PLOV-AZ930-236-B,PLOV-AZ930-236-C
Identification
Johnson, J. - DES, In field, March, 26, 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-93008-01

PLOV-SOSAZ-930-236-08
Plantago ovata
desert Indianwheat
BLMS .2 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	1/20/09 AC
OSU Sample Taken	# of pounds .158g	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 96%
Moisture Content 4.5%
Seed Count 589,000

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	Temp °C	~~Time Used~~	% M.C.
			↓	RH	↓
			72°	20%	4.5

X-Ray Results

96 % 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).

.077 .077 _____
_____ _____

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 = .077 = 1000 seed wt.
Seeds per Pound = 589,000

~~$ .018# to PPMC (10,000)~~

Transaction Fee: _____

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.090	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.090

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
1-20-09	1515		226-test	AC
		1550	2270-pkg	AC

	ID card file sample
	INV card ~~Regional Office ID file~~

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____