SOS AZ. 93007-03

MSB Serial Number: _____
NCRS PLANTS Code: LEVIM
Storage Facility: Bend
Date Collected: 8 May 2007
Seed Collection Reference Number: AZ930-0197
Collector(s): Johnson, J., Gray, M.
BRASSICACEAE
Lepidium virginicum var. medium

Country: United States **Ecoregion:** 23, Sonoran Desert
State: Arizona **County:** Yavapai County
City/Town/Park: Coronado National ForestSeven Springs **Geographic Area:** Santa Catalina Mountains
Location Details: Coronado National Forest. Molino Canyon. Arizona Trail. 1 mile northeast of Molino Canyon Camp Ground.
Lat. (dg/min/sec): 32° 20' 9.2" N **Long. (dg/min/sec):** 110° 40'50.2" W

GPS: NAD83
Landowner Details (Permission): USFS (yes)
Altitude: 4615 FT
Associated Species: *Quercus oblongifolia,Juniperus deppeana,Vauquelinia californica,Arctostaphylos pungens,Fouquieria splendens,Ericameria laricifolia,Dalea pulchra,Calliandra eriophylla,Dasylirion wheeleri*
Habitat: Semi-desert Grassland #
Modifying Factors: None
Land Form: Mountain **Aspect:** All
Land Use: Recreation **Slope:** 0-60°
Geology: Granitic
Soil: Gray, Sand, Silt, clay and silt
No. of Plants Sampled and Misc.: 110 plants sampled
No. of Plants Found: ca 500
Area Sampled: 320A
Seeds Collected From: seed - many individuals, plant
Description: Hieght: 1'
Common Name(s): medium pepperweed
Photograph (to be send electronically to SOS National Office) file name: LEVIM-AZ930-0197-A,LEVIM-AZ930-0197-B,LEVIM-AZ930-0197-C
Identification
Johnson, J., In Field, 8, May, 2007
Herbarium Vouchers
Does the pressed specimen have the same reference as the seed collection? **Yes** No
No. of Herbarium Vouchers: 4-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,

Rec 5/24/07
ck in 6/1/07 for billing

0.345
- .030 env. wt
0.315#

levim. SOSAZ. 930.0197.07

SOSAZ-93007-03

LEVIM-SOSAZ-930-0197-07
Lepidium virginicum
medium pepperweed
SNWC .315 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	10/30/07 AC TZ
OSU Sample Taken	# of pounds .100g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 96%
Moisture Content
Seed Count 986,000

REMARKS Nice!

GERM ____ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY ~99% or NOXIOUS WEED only ____

POSTED

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

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).

.045 .046 _____
_____ _____

TOTAL of ALL Reps: _____
Average: .046

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 = .46 = 1000 seed wt.
Seeds per Pound = 986,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.150	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.150

POSTED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
10/30/07	1015		226-test	AC
		1040	2270-pkg	AC

✓	YES	ID card file sample
		Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS _____