MSB Serial Number: _____
NCRS PLANTS Code: MILI5
Storage Facility: Bend
Date Collected: 05 MAY 2009
Seed Collection Reference Number: AZ930-283
Collector(s): Johnson, J., King, M.
ASTERACEAE
Microseris lindleyi

Country: United States **Ecoregion**: 23, Arizona/New Mexico Mountains
State: Arizona **County**: Yavapai
City/Town/Park: Agua Fria National Monument **Geographic Area**:
Location Details: Agua Fria National Monument. Along FR 9014, 0.5 miles south of junction with Bloody Basin Road.
Lat. (dg/min/sec): 34° 13' 06.4" N **Long. (dg/min/sec)**: 111° 59'14.5" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 3875 FT
Associated Species: *Acacia greggii,Hordeum pusillum,Gutierrezia sarothrae,Juniperus coahuilensis,Prosopis velutina,Plantago patagonica,Sphaeralcea rusbyi,Erodium cicutarium*
Habitat: Semidesert Grassland
Modifying Factors: None
Land Form: Hills **Aspect**: All
Land Use: Multiple **Slope**: 0°
Geology: Basalt
Soil: Clay, silt. 2.5YR 3/2, dusky red, dry.
No. of Plants Sampled and Misc.: 1000 plants sampled.
No. of Plants Found: > 5000
Area Sampled: 0.25 MI
Seeds Collected From: seed - many individuals, plant
Description: Plant height: 1 foot.
Common Name(s): Lindley's silverpuffs
Photograph (to be send electronically to SOS National Office) file name: MILI5-AZ930-283-A,MILI5-AZ930-283-B,MILI5-AZ930-283-C
Identification
Johnson, J. -DES. In field. May 5, 2009.
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

SOS-AZ930-283

MILI5-SOS-AZ930-283-AGUAFRIA-09
Microseris lindleyi
Lindley's silverpuffs
BLMS .35 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 3-5-10 AC
OSU Sample Taken	# of pounds: .395	
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 95%
Moisture Content: 5.0%
Seed Count: 235,000

REMARKS: ENTERED

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

PURITY 97.7 % or NOXIOUS WEED only —

MOISTURE CONTENT (use one of three methods below)

Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
						—	—	23.2	5.0

X-Ray Results

95 % 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 .027 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .027 gms
Wt. of Clean Seed 1.158 gms
TOTAL (Impurities + Clean Seeds) 1.185 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97.7 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. of 5 reps of 100 seeds each (in grams).

.193 .193 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

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 = 1.93 = 1000 seed wt.
Seeds per Pound = 235,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1		Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.218

ENTERED

beg. bal .218
WRPIS - .047 10,000
New bal .171

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-5-10	1025		226-test	AC
		1105	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____