

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: LILE3
 Storage Facility: Bend
 Date Collected: 29 MAY 2008
 Seed Collection Reference Number: AZ930-247
 Collector(s): Johnson, J., Head, J.
 LINACEAE
Linum lewisii

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, Near Pueblo La Plata. BLM
 Route 9023, 1.3 miles north of junction with Bloody Basin Road.
 Lat. (dg/min/sec): 34° 15' 02.8" N Long. (dg/min/sec): 112° 01' 39.9" W
 GPS: NAD83

Landowner Details (Permission): BLM (yes)

Altitude: 3709 FT

Associated Species: *Prosopis velutina*, *Acacia greggii*, *Pleuraphis mutica*, *Avena fatua*, *Hordeum pusillum*, *Erodium cicutarium*, *Layia glandulosa*, *Microseris lindleyi*, *Heliomeris longifolia* var. *annua*.

Habitat: Semidesert Grassland

Modifying Factors: Grazed

Land Form: Mesa

Aspect: All

Land Use: Multiple Use

Slope: 0-5°

Geology: Igneous Basalt

Soil: Dark Brown, Clay

No. of Plants Sampled and Misc.: 1000 plants sampled

No. of Plants Found: 4000

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 6 - 12"

Common Name(s): lewis flax

Photograph (to be send electronically to SOS National Office) file name: LILE3-AZ930-247-A, LILE3-AZ930-247-B, LILE3-AZ930-247-C

Identification

Johnson, J. - DES, In herbarium, May, 27, 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-93008-12

LILE3-SOSAZ-930-247-08
Linum lewisii
blue flax
BLMS .78 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	12/3/08
OSU Sample Taken	# of pounds	AC
	69	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	~90	ENTERED
Moisture Content	6.0%	
Seed Count	152,700	
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** <i>hygro</i>		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
			70°	28 min	6.0

X-Ray Results
~90 % Filled
Confirmed w/cut seed
100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99</u> %
• Weeds _____ gms	<i>beautiful!</i>
• Noxious _____ gms	

SEEDS PER POUND

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

.299 .299 _____

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 = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 2.97 = 1000 seed wt.

Seeds per Pound = 152,700

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.280</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	<u>.280</u>

Transaction Fee: .074# sent to PPMC

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12/3/2008	0855		226-test	AC
		0920	2270-pkg	AC

	ID card file sample
	Inventory card completed

POSTED TO: Lot Completion Logbook Computer NMIS _____