

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: LAGL5
 Storage Facility: Bend
 Date Collected: 12 MAY 2008
 Seed Collection Reference Number: AZ930-241
 Collector(s): Johnson, J., Gray, M., Aniuk, D.
 ASTERACEAE
Layia glandulosa

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. Near Pueblo La Plata. Bloody Basin Road. 8.2 miles east of junction with Interstate 17. BLM Route 9023. 1.3 miles north of junction with Bloody Basin Road.
 Lat. (dg/min/sec): 34° 15' 02.7" N Long. (dg/min/sec): 112° 01' 39.9" W
 GPS: NAD83

Landowner Details (Permission): BLM (yes)
 Altitude: 3702 FT

Associated Species: *Prosopis velutina*, *Acacia greggii*, *Gutierrezia sp.*, *Opuntia engelmannii*, *Opuntia whipplei*, *Sphaeralcea rusbyi*, *Pleuraphis mutica*, *Hordeum pusillum*, *Erodium cicutarium*, *Chamaesyce capitellata*, *Linum lewisii*

Habitat: Semi-desert Grassland

Modifying Factors: None

Land Form: Mesa

Aspect: All

Land Use: Multiple Use

Slope: 0°

Geology: Basalt

Soil: Brown, clay and silt

No. of Plants Sampled and Misc.: 390 plants sampled

No. of Plants Found: >1500

Area Sampled: 2 A

Seeds Collected From: seed - many individuals, plant

Description: White ray flowers. Height: 8"

Common Name(s): whitedaisy tidytips

Photograph (to be send electronically to SOS National Office) file name: LAGL5-AZ930-241-A, LAGL5-AZ930-241-B, LAGL5-AZ930-241-C

Identification

Johnson, J. -DES, In Field, May, 12, 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:

Rec 5/15/08 1910c
 0,485#

SOSAZ-93008-05

LAGL5-SOSAZ-930-241-08
Layia glandulosa
whitedaisy tidytips
BLMS .485 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	11/28/08 AC
OSU Sample Taken	# of pounds	
	.149	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	91%	some seed appears damaged a bit by cleaning process. understandable - I bet this was a hard one to clean! - fuzzies
Moisture Content	5.7%	
Seed Count	657,390	
GERM	TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	96%	or NOXIOUS WEED only

MOISTURE CONTENT (use one of two methods below)

Dole Meter			Hygro **Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
			69	26'	5.7%

X-Ray Results
91 % Filled
Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.15</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>3.45</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>3.6</u> gms
• Inerts <u>.15</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{95.8} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.069 .069
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 = .69 = 1000 seed wt.

Seeds per Pound = 657,390

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.187		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.187

Transaction Fee: _____

-018# to PPMC

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
11/28/08	0910		226-test	AC
		0950	2270-pkg	AC

got it
ID card file sample
in record Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____