

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: DICA14
 Storage Facility: Bend
 Date Collected: 12 MAY 2008
 Seed Collection Reference Number: AZ930-242
 Collector(s): Johnson, J., Gray, M., Aniuk, D.
 LILIACEAE
Dichelostemma capitatum ←

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.: 700 plants sampled

No. of Plants Found: 4000

Area Sampled: 2.5 A

Seeds Collected From: seed - many individuals, plant

Description: Height: 12"

Common Name(s): bluedicks

Photograph (to be send electronically to SOS National Office) file name: DICA14-AZ930-242-A, DICA14-AZ930-242-B, DICA14-AZ930-242-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:

✓ 10 card done

drying charge

Rec 5/15/08 lgroc

0.600#

5/15/08
 ★ Moist inside groc
 Bag Had to open and dry

SOSAZ-93008-06

DICA14-SOSAZ-930-242-08
Dichelostemma capitatum
bluedicks
BLMS .6 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 1	Date/Initials 12/3/08 AC
OSU Sample Taken	# of pounds -4g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	83%	ENTERED
Moisture Content	6.61%	
Seed Count	229,000	
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.
			Temp °F 73	RH 33	% M.C. 6.61

X-Ray Results

83 % 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: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.197 .198

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = $1.98 = 1000$ seed wt.
Seeds per Pound = $229,000$

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.243		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.243

Transaction Fee: _____ *wait 72 results before pull PPMC*

Seedbank Location _____

SEED TRANSFER Log Number			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12/3/08	1345		226-test	AC
		1415	2270-pkg	AC

ID card file sample
inv card Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____