

	Please use <b>BLOCK CAPITALS</b>				MSB Serial Number:	
	Please complete all the priority fields labeled in <b>bold</b> .				NRCS PLANTS Code: CANU3	
	Please circle relevant descriptions shown in <i>italics</i> .					
Date Collected (DD/MM/YY):		22/08/05		Seed Collection Reference Number:		ID-320-123
Collector(s): BRUCE HALL, ELENA BENSHEIMER, JOHN THOMAS						
Country:	USA	Ecoregion:	UTAH-WYOMING ROCKY MOUNTAINS	State:	ID	County: BEAR LAKE
Location Details: COOLEY CANYONE, EAST OF BEAR LAKE						
Lat. (dg/min/sec):	N 42° 03' 31''		GPS Used?:	<input checked="" type="checkbox"/> Yes	No	If no, please see other side.
Long. (dg/min/sec):	W 111° 13' 56''		GPS Datum:	<input checked="" type="checkbox"/> NAD83	NAD27	WGS84 Other:
Elevation (feet):	6348		Landowner Details (Permission?):	BLM		
<b>HABITAT DATA</b>						
Habitat & Associated Species:	ARTEMISIA TRIDENTAT SSP. TRIDENTATA, ACHNATHERUM HYMENOIDES, PSEUDOREGENARIA SPICATA, CHAENACTIS DOUGLASII					
Modifying Factors:	<i>Mowed Burned Grazed Flooded Seeded Trampled Other:</i>					
Land Form:	HILLSIDE			Slope°:	10°-20°	
Land Use:	LIVESTOCK GRAZING/RECREATION			Aspect:	N NE E SE S SW W NW	
Geology:						
Soil Texture:	<input checked="" type="checkbox"/> Clay <input checked="" type="checkbox"/> Silt			Sand	Other:	
Soil Color:	TAN					
<b>COLLECTION DATA - If plant has been identified by a specialist, please see other side.</b>						
Family:	LILIACEAE			No. of Plants Sampled:	1000	
Genus:	CALOCHORTUS			No. of Plants Found (approx.):	>5000	
Species:	NUTTALLII			Area Sampled (acres):	3	
Subspecies/Variety:						
Seeds Collected From:	<input checked="" type="checkbox"/> Plants			Ground	Both	
Plant Habit:	Tree	Shrub	<input checked="" type="checkbox"/> Forb	Succulent	Grass/Grasslike	Plant Height (feet): 1
Does the pressed specimen have the same reference as the seed collection?:				<input checked="" type="checkbox"/> Yes	No	
If not, enter details of collector, reference, where lodged, and date collected:		2 cloth 0.832 072 1560 Rec 8/29				
Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):						
Common Name(s) of Plants:		SEGO LILY				

# Seed Test/Packaging Record

SOSID-32005-18

CANU3-SOSID-320-123-05  
 Calochortus nuttallii  
 sego lily  
 SNWC 56 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~ 2	Date/Initials 12-02-05 AC
OSU Sample Taken	# of pounds ~ 47g	
Sample Sent	Y/N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	90	 <b>POSTED</b>
Moisture Content		
Seed Count	218,070	
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**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results
90% Filled
Results from 100 Seed X-ray

*confirmed w/cutting seed*

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	<b>TOTAL (Impurities + Clean Seeds) _____ gms</b>
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \sim 99\%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.
Weight to three decimal places, when possible	
Wt. Of 5 reps of 100 seeds each (in grams)	Difference between max & min wt. _____ 10% of average _____
.209 .207	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
-----	To calculate M seed wt, take Total of 5 samples times 2.
TOTAL of ALL Reps _____	2 x Total of 5 reps = $2.08 = 1000 \text{ seed wt.}$
Average _____	Seeds per Pound = $218,070$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.120		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			0.120

Transaction Fee: _____
Seedbank Location _____

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

DATE	Start	Stop	Process	Initials
12-02-05	1200		226-test	AC
		1225	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_ Inventory Card  Y \_\_\_\_\_ NA