



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: Circle relevant descriptions shown in *italics*.Cleaning Facility: Date(s) Collected (DD/MM/YY): Seed Collection Reference Number: Collector(s): Country: Ecoregion (T,Q,B): State: County:

Location Details: Reynolds Park. From the intersection of Highways 285 and 8 in Morrison, Colorado go south on 285 for 14.9 miles, turn right onto Kennedy Gulch Rd. and travel .1 mile, turn left to stay on Kennedy Gulch Rd. and travel .2 miles, turn left onto South Foxton Rd./CR-97 and travel 3.1 miles, turn right into Reynolds Park.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): GPS Used?: If no, please see other side.Long. (dg/min/sec) (ex: 107° 36' 51.54" W): GPS Datum: Elevation (feet): Landowner Details (Permission?): **HABITAT DATA**

Habitat, Associated Species & Ecological Site Descriptor: Montane meadow adjacent to a mixed conifer forest. *Pinus ponderosa*, *Picea pungens*, *Pseudotsuga menziesii*, *Bromus inermis*, *Agropyron cristatum*, *Hesperostipa comata*, *Lupinus argenteus*, *Penstemon glaber*, *Oenothera coronopifolia*, *Oxytropis lambertii*.

Modifying Factors: Land Form: Slope°: Land Use: Aspect: Geology: Soil Texture: Soil Color: **COLLECTION DATA - If plant has been identified by a specialist, please see other side.**Family: No. of Plants Sampled (min. 50): Genus: No. of Plants Found (approx.): Species: Area Sampled (acres): Subspecies/Variety: Seeds Collected From: Plant Habit: Plant Height (feet):

Native plant materials development and research this accession will be used for:

Gunnison's mariposa lily ✓

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Leaves parallel veined; Flower parts in 3s; herbaceous; carpels 3 or 6; flowers with distinguishable sepals and petals, petals >2cm long;; leaves linear, alternate; ovary superior; flower white, with a prominent gland of colored hairs. Reference: Colorado Flora: Eastern Slope. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 141 pp.

Common Name(s) of Plants: Photograph Taken: Reference
(PLANTS Code_Coll.
Number_Pic.No.): Where Image will be Filed:

SOS-CO932-188

CAGU-SOS-CO932-188-09
Calochortus gunnisonii
Gunnison's mariposa lily
BLMS .51 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	4-6-10 AC
OSU Sample Taken	# of pounds	
	.536g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95%	ENTERED
Moisture Content	5.6%	
Seed Count	177,100	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	98%	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.
								26.4	5.6

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 All Impurities: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 98\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

Weight to three decimal places, when possible	** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable
Wt. of 5 reps of 100 seeds each (in grams).	
.255 .256	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $2.56 = 1000 \text{ seed wt.}$
	Seeds per Pound = $177,100$

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.176

beg bal .176
WRPIS - .062 10,000
New bal .114

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

DATE	Start	Stop	Process	Initials
4-6-10	1025		226-test	AC
		1105	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____