



Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code: **CEOR9**

Cleaning Facility: **BEND**

Date(s) Collected (DD/MM/YY): **13/08/09 & 17/09/09** Seed Collection Reference Number: **CA180-10**

Collector(s): **JENNIFER BARTLAW & GRACIELA HINSHAW**

Country: **USA** Ecoregion (T,O,B): **O-U S+C CA Chaparral oak woodland** State: **CA** County: **EL DORADO**

Location Details: **Ponderosa SO Parcel of THE PINE HILL PRESERVE**

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): **38°39'37.520 N** GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): **120°57'11.058 W** GPS Datum:  NAD83  NAD27  WGS84  Other:

Elevation (feet): **921 felt** Landowner Details (Permission?): **BLM LAND**

**HABITAT DATA**

Habitat, Associated Species & Ecological Site Descriptor: **Arctostaphylos viscida, Adenostoma fasciculatum, Heteromeles arbutifolia, Bromus ssp. Pinus sabiniana, Salvia somnensis,**

Modifying Factors:  Mowed  Burned  Grazed  Flooded  Seeded  Trampled Other: **near RESIDENTIAL AREA**

Land Form: **flat** Slope°:

Land Use: **Preserve land** Aspect: **N NE E SE S SW W NW**

Geology: **Gabbro soils**

Soil Texture: **Clay Silt Sand Other:** Soil Color: **RED**

**COLLECTION DATA - If plant has been identified by a specialist, please see other side.**

Family: **FABACEAE** No. of Plants Sampled (min. 50): **80**

Genus: **Cercis** No. of Plants Found (approx.): **200+/-**

Species: **orbiculata** Area Sampled (acres): **~40**

Subspecies/Variety:  **8/19**

Seeds Collected From:  Plants  Ground  Both

Plant Habit:  Tree  Shrub  Forb  Succulent  Grass/Grasslike Plant Height (feet): **4-10'**

Native plant materials development and research this accession will be used for: **These seeds are a contribution to SEEDS OF SUCCESS & CAN BE USED FOR STUDIES AND/OR STORAGE**

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): **cordate/reniform leaves, 15-20mm pedicel red bracts (green if earlier in season) no flowers in herbarium specimen.**

Common Name(s) of Plants: **WESTERN REDBUD, CALIFORNIA REDBUD**

Photograph Taken:  Digital  35mm Reference (PLANTS Code, Coll. Number, Pic. No.):  Where Image will be Filed: **WO & CA180**

**CEOR9-CA180-10-A  
CEOR9-CA180-10-B  
CEOR9-CA180-10-C**

**2 ZIPS  
0.823#**

# Seed Test/Packaging Record

SOS-CA180-16

CEOR9-SOS-CA180-16-09  
 Cercis orbiculata  
 California redbud  
 BLMS .82 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2-8-10
OSU Sample Taken	# of pounds	AC
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	98%	ENTERED
Moisture Content	6.2%	
Seed Count	13,600	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99%	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.
						—		30.1	6.2

X-Ray Results
98 % 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	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• 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 the average 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 _____
3.633 3.557	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = $\frac{35.95}{2} = 17.975$ = 1000 seed wt.
	Seeds per Pound = $\frac{13,600}{17.975} = 757$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			-187

beg bal -187  
 WRPIS ALL ~ 3,250 PLS  
 New bal 0

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

DATE	Start	Stop	Process	Initials
2-8-10	0830		226-test	AC
		0900	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_