



Use BLOCK CAPITALS

Complete all fields.

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

NORTHERN MIXED CHAPARRAL - ADENOSTOMA FASCICULATUM, BACCHARIS PILULARIS, ARCTOSTAPHYLOS VISIDICA, SALVIA SONOMENSIS

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

FOOTHILLS - SIERRA NEVADA MTS

Slope°:

107.

Land Use:

CONSERVATION - RARE PLANT PRESERVE

Aspect:

N NE E SE S SW W NW

Geology:

GABBRO SOIL INTRUSION - HILLTOP "PINE HILL"

Soil Texture:

Clay Silt Sand Other: LOAMY SAND

Soil Color:

REDDISH - BROWN

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

Family:

ROSACEAE

No. of Plants Sampled (min. 50):

100±

Genus:

HETEROMELES

No. of Plants Found (approx.):

1000+

Species:

ARBUTIFOLIA

Area Sampled (acres):

100

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

6+

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

COLLECTION IS A CONTRIBUTION TO SEEDS OF SUCCESS

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

DRK EVERGREEN SIMPLE LVS; GRAY BARK; PANICLE W/ WHITE FLWRS; BRIGHT RED POME

Common Name(s) of Plants:

TOYON, CALIFORNIA CHRISTMAS BERRY

Photograph Taken:

Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.): Where Image will be Filed:

CA180

HEAR5-CA180-19-A.jpg

HEAR5-CA180-19-B.jpg

HEAR5-CA180-19-C.jpg

Seed Test/Packaging Record

SOS-CA180-19

HEAR5-SOS-CA180-19-09

Heteromeles arbutifolia

toyon

BLMS

4.851 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	
OSU Sample Taken	# of pounds	
	6.439g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	97%	REMARKS ✓
Moisture Content	7.690	
Seed Count	74,215	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>99%</u> 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.
							72.8°F	39.0	7.6

X-Ray Results

97 % Filled

Results from
100 Seed X-Ray

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

Wt. of Sample: <u>1.955</u> gms	Wt. of All Impurities: <u>0.015</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.938</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.953</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>99.2</u> %
• 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).

0.645 0.599 0.590
0.607 0.615
TOTAL of ALL Reps: 3.056
Average: 0.611

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 = 6.112 = 1000 seed wt.
Seeds per Pound = 74215

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>0.176</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>0.176</u>

begin bag 0.176 #
WRPIS 0.140 #
0.036 ←

Balance @ BSE
7/27/10

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>5/5/10</u>	<u>0945</u>	<u>1100</u>	226-test	<u>LAD</u>
			2270-pkg	

<u>5/5/10</u>	<u>LAD</u>	ID card file sample
<u>5/5/10</u>	<u>LAD</u>	Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/5/10 LAD Computer NMIS _____