

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,O, B): State: County:

Location Details:

From I-70, take Central City Pkwy & follow approx 8.1 miles to Central City. Take hard right onto Virginia Canyon Rd. Follow approx 0.5 miles & take left onto Lake Gulch Rd. Paved road ends at Golden Mtn Rd & site is 0.5 miles further on left of dirt road.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

GPS Used?:

 Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

GPS Datum:

 NAD83 NAD27 WGS84 Other:Elevation (feet):

Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Associated species: *Pinus ponderosa*, *Pseudotsuga menziesii*, *Populus tremuloides*, *Picea pungens* (in gully), *Bromus inermis*, *Muhlenbergia montana*, *Heterotheca villosa*, *Penstemon viridis*, *Frasera speciosa*
Ecological Site Descriptor: Montane meadow/gully

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:

 Plants Ground Both

Plant Habit:

 Tree Shrub Forb Succulent Grass/GrasslikePlant Height (feet):

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

2 white cloth
0.225#

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

Calyx with 4 equal or nearly equal lobes; leaves entire or 3-cleft; plants generally always unbranched; Flowers yellow. Reference: COLORADO FLORA: EASTERN SLOPE. By William A. Weber. 3rd edition. Boulder: University Press of Colorado, 2001. 521 pp.

Common Name(s) of Plants:

Photograph Taken:

Reference
(PLANTS Code_Coll.
Number_Pic. No.):

Where Image will be Filed:

SOSCO-93208-04

ORLU2-SOSCO-932-159-08
Orthocarpus luteus
yellow owl's clover
BLMS .225 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	2/11/09 AC
OSU Sample Taken	# of pounds	
	.026g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	70%	REMARKS ENTERED
Moisture Content	4.5%	
Seed Count	3,628,800	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>92%</u> or NOXIOUS WEED only <u> </u>		

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.
							69°	20%	4.5

X-Ray Results

70 % 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: <u>.006</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.068</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.074</u> gms
• Inerts <u>.006</u> gms - quite a few (dead) larva	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{92} \%$
• 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).	
<u>.013</u> <u>.012</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = <u>.125</u> = 1000 seed wt.
	Seeds per Pound = <u>3,628,800</u>

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.012</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.012</u>

* wait tz results before pPMC pull

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

DATE	Start	Stop	Process	Initials
2-11-09	1150		226-test	AC
		1235	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS