

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):

16/11/09

Seed Collection Reference Number:

GBPMC-33

Collector(s):

Cole, E. and Bennett, R.

Country:

USA

Ecoregion (T,O,B):

13-O Great Basin

State:

NV

County:

Lander

Location Details:

Toiyabe Range, off of FS rd. 003, near 1st mountain bike trail coming from 50

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

39° 28' 23.5" N

GPS Used?:

Yes

No

If no, please see other side.

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

117° 02' 59.4" W

GPS Datum:

NAD83

NAD27

WGS84

Other:

Elevation (feet):

7848 ft

Landowner Details (Permission?):

USFS (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Grass/shrubland dominated by crested wheatgrass

Agropyron cristatum, Ericameria nauseosa, Tetradymia sp., Thinopyrum intermedium, Eriogonum spp., Achnatherum hymenoides, Bromus tectorum, Crepis sp., Lupinus spp.

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Mountain

Slope°:

20-25°

Land Use:

Recreation, grazing

Aspect:

N NE E SE S SW W NW

Geology:

Granite and other intrusive rocks

Soil Texture:

Clay Silt Sand Other: gravel

Soil Color:

Light yellowish brown

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

Family:

Asteraceae

No. of Plants Sampled (min. 50):

110

Genus:

Artemisia

No. of Plants Found (approx.):

600

Species:

tridentata

Area Sampled (acres):

11

Subspecies/Variety:

vaseyana

Seeds Collected From:

Plants

Ground

Both

Plant Habit:

Tree

Shrub

Forb

Succulent

Grass/Grasslike

Plant Height (feet):

2.5 ft

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

storage

also collected for Bryce Richardson's (RMRS) Big Sagebrush research project

Rec 11/20/09

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

3 paper

0.750#

yes, they both weigh the same!

Box 2 of 2

Common Name(s) of Plants:

Mountain sagebrush

Photograph Taken:

Digital

35mm

Reference (PLANTS Code_Coll. Number_Pic. No.):

ARTRV_GBP MC-33_A

Where Image will be Filed:

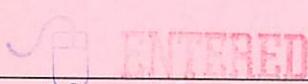
GBPMC

Seed Test/Packaging Record

SOS-GBPMC-33

ARTRV-SOS-GBPMC-33-09
 Artemisia tridentata spp. vaseyana
 mountain big sagebrush
 BLMS 1.5 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	
OSU Sample Taken	# of pounds	4.27.10
	.057g	AC
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>75</u>	
Moisture Content	<u>6.2%</u>	
Seed Count	<u>1,744,600</u>	
GERM	<u>TZ OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>76%</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.
								30.3	6.2

X-Ray Results
<u>75</u> % Filled
Results from <u>100</u> Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: <u>.024</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.078</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.102</u> gms
• Inerts <u>.024</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{76} \%$
• 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 _____
<u>.026</u> <u>.025</u> _____	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 = <u>.26</u> = 1000 seed wt.
	Seeds per Pound = <u>1,744,600</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag # 1	Bag Wt.	Bag #	Bag Wt.
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.020</u>

beg-bal
 WRPIS
 New bal
.020
.011 # ~ 10,000
.009

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

DATE	Start	Stop	Process	Initials
4.27.10	1110		226-test	AC
		1150	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____