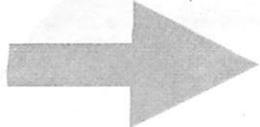


ARTRV



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): Dec. 3, 2009

Seed Collection Reference Number: ID931-139

Collector(s): Sarah Hosford

Country: USA Ecoregion (T,O,B): O-12/16 State: ID County: Washington

Location Details: Big Flat Road and Sheep Creek Rd., North of Emmett, ID

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 44° 19' 39.3" N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): -116° 24' 35.6" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 3537 Landowner Details (Permission?): Bureau of Land Management

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: *Alliums ssp., Bromus tectorum, Bromus japonicas, Chrysothamnus nauseosus*

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other: none

Land Form: Valley Slope°: 10-25

Land Use: grazing Aspect: N NE E SE S SW W NW

Geology: Rollinghills

Soil Texture: Clay Silt Sand Other: Loamy deep soil Soil Color:

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

Family: Asteraceae No. of Plants Sampled (min. 50): 50

Genus: Artemisia No. of Plants Found (approx.): 1000's

Species: tridentata Area Sampled (acres): 4

Subspecies/Variety: ~~xericensis~~ ✓ is correct *vaseyana*

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): 2-4

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Smell more fragrant than pungent Big Sage

Common Name(s) of Plants: Mountain big sagebrush

Photograph Taken: Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.): ARTRV_ID931-139_1

Where Image will be Filed: Idaho State Office Bureau of Land Management

Seed Test/Packaging Record

SOS-ID931-139

ARTRV-SOS-ID931-139-09
 Artemisia tridentata spp. vaseyana
 mountain big sagebrush
 BLMS 4.12 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 4-29-2010 AC
OSU Sample Taken	# of pounds .065g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>82%</u>	REMARKS ENTERED
Moisture Content	<u>4.8%</u>	
Seed Count	<u>1,564,100</u>	
GERM	<u>TZ OSU</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>90%</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.
								22.1	7.8

X-Ray Results

82 % 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>.018</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.168</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.186</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{90} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

Weight to three decimal places, when possible
 Wt. of 5 reps of 100 seeds each (in grams).

.030 .028

TOTAL of ALL Reps: _____

Average: _____

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

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 = $\frac{.29}{2} = 1000 \text{ seed wt.}$

Seeds per Pound = 1,564,100

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.			<u>.090</u>

bag bal .090
 WRPIS .010 # ~10,000
 New bal .080

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4-29-10	1330		226-test	AC
		1410	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS