

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: 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: Elevation (feet): Landowner Details (Permission?): **HABITAT DATA**Habitat, Associated Species & Ecological Site Descriptor: 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/Grasslike*Plant Height (feet): Native plant materials development and research this accession will be used for: Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Common Name(s) of Plants: Photograph Taken: *Digital* *35mm*Reference
(PLANTS Code, Coll.
Number, Pic. No.): Where Image will be Filed:

SOS-WY040-32

ARTRT-SOS-WY040-32-09
Artemisia tridentata var. tridentata
Basin big sagebrush
BLMS 2 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>1</u>	Date/Initials <u>5/11/10</u> <u>LAD</u>
OSU Sample Taken	# of pounds <u>0.089g</u>	
Sample Sent	Y/N <u>Y</u>	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>94%</u>	REMARKS  ENTERED
Moisture Content	<u>5.6%</u>	
Seed Count	<u>1,334,118</u>	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>97%</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.
							<u>73.2</u>	<u>26.7</u>	<u>5.6</u>

X-Ray Results

<u>94</u> % Filled
Results from <u>117</u> Seed X-Ray

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

Wt. of Sample: <u>0.181</u> gms	Wt. of All Impurities: <u>0.005</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>0.177</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>0.182</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>97.2</u> %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

0.034 0.043 0.026
0.035 0.022 0.170
TOTAL of ALL Reps: 0.170
Average: 0.034

** 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 = 0.340 = 1000 seed wt.
Seeds per Pound = 1,334,118

FINAL PACKAGING for Seed Storage/Transfer

Bag # 1	Bag Wt. <u>0.034</u>	Bag #	Bag Wt.
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>0.034</u>

log bal 0.034
WRPIS 0.008#
0.026#

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>5/11/10</u>	<u>1410</u>	<u>1440</u>	226-test 2270-pkg	<u>LAD</u>

5/11/10 LAD ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/11/10 LAD Computer NMIS _____