

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?: 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:
*Bromus tectorum, Chrysothamnus viscidiflorus Gutierrezia sp, Ericameria nauseosa*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: Plant Habit: 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: Reference
(PLANTS Code_Coll. Number_Pic. No.): Where Image will be Filed:

Seed Test/Packaging Record

SOS-GBPMC-29

ARTRT-SOS-GBPMC-29-09
 Artemisia tridentata var. tridentata
 Basin big sagebrush
 BLMS 2.8 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
OSU Sample Taken	# of pounds	4-27-10 AC
Sample Sent	YN	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	~ 70% →
Moisture Content	6.2
Seed Count	2,668,000
GERM	TZ <u>OSU</u> Strat Time: NC 4C 8C 13C
PURITY	94 or NOXIOUS WEED only

REMARKS: I had hard time determining fill % - both xray and cut a lot of cut seed appears dry/chalky seed

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.
								30.4	6.2

X-Ray Results
% 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>.088</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.094</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>94</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).

.016 .017 _____

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
 2 x Total of 5 reps = .17 = 1000 seed wt.
 Seeds per Pound = 2,668,000

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>.193</u>

beg bal .193
 WRPIS ~ .005# ~ 10,000 + PLS
 New bal .188

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

DATE	Start	Stop	Process	Initials
4-27-10	0950		226-test	AC
		1040	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____