

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): 8/10/09

Seed Collection Reference Number: GBPMC-21

Collector(s): E. Cole, R. Bennett

Country: USA Ecoregion (T,O,B): 13-O Great Basin State: NV County: Churchill

Location Details: SE Stillwater Range, La Plata canyon, 1.5 road miles N from cattleguard

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39° 25' 02.4" N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 118° 17' 31.2" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5150 ft Landowner Details (Permission?): BLM (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Shadscale/Ephedra zone
Ephedra nevadensis, *Atriplex confertifolia*, *Chrysothamnus viscidiflorus*, *Bromus tectorum*, *Sarcobatus vermiculatus*, *Grayia spinosa*Modifying Factors: Mowed Burned **Grazed** Flooded Seeded Trampled Other:

Land Form: canyon Slope°: 5°

Land Use: Grazing, recreation Aspect: N NE E **SE** S SW W NW

Geology: Alluvial deposits

Soil Texture: Clay Silt Sand Other: gravel Soil Color: Light brownish grey

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

Family: Chenopodiaceae

No. of Plants Sampled (min. 50): 85

Genus: Atriplex

No. of Plants Found (approx.): 400

Species: canescens

Area Sampled (acres): 6

Subspecies/Variety:

Seeds Collected From: **Plants** Ground BothPlant Habit: Tree **Shrub** Forb Succulent Grass/Grasslike

Plant Height (feet): To 4ft

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

Storage, seed development at GBPMC

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

Common Name(s) of Plants: Fourwing saltbush

Photograph Taken: Digital 35mm

Reference
(PLANTS Code_Coll.
Number_Pic. No.):ATCA2
GBPMC-21_AWhere Image will be
Filed:

GBPMC

Rec 10/16

Seed Test/Packaging Record

SOS-GBPMC-21

ATCA2-SOS-GBPMC-21-09
 Atriplex canescens
 fourwing saltbush
 BLMS 5.05 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	3-11-10
OSU Sample Taken	# of pounds	AC
	2.5g	
Sample Sent	YN	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	<u>~85%</u>	ENTERED
Moisture Content	<u>5.1%</u>	
Seed Count	<u>38,100</u>	
GERM <u>—</u> TZ <u>OSU</u> Strat Time: NC <u>—</u> 4C <u>—</u> 8C <u>—</u> 13C <u>—</u>		
PURITY <u>~98%</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.
								22.8	5.1

X-Ray Results
<u>~85%</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: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{\sim 98} \%$
• 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>1.230</u> <u>1.141</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 = $\frac{11.9}{2} = 5.95$ = 1000 seed wt.
	Seeds per Pound = <u>38,100</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.711</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.711</u>

wait +z results before pull WRPIS

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

DATE	Start	Stop	Process	Initials
<u>3-11-2010</u>	<u>1010</u>		226-test	<u>AC</u>
		<u>1040</u>	2270-pkg	<u>AC</u>

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS