

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): 14/10/09,

Seed Collection Reference Number: GBPMC-23

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

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

Location Details: NW Garfield Hills, McGill Canyon, along Garfield Flats Rd

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 38° 30' 17.0" N GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 118° 27' 32.0" W GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5362 ft Landowner Details (Permission?): BLM (yes)

## HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Shadscale zone  
*Spheralcea ambigua*, *Ephedra nevadensis*, *Opuntia* sp.

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: Hill/talus Slope°: 12°

Land Use: Former mining area Aspect: N NE E SE S SW W NW

Geology: basalt

Soil Texture: Clay Silt Sand Other: very rocky Soil Color: Very pale brown

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

Family: Chenopodiaceae

No. of Plants Sampled (min. 50): 123

Genus: Atriplex

No. of Plants Found (approx.): 700

Species: confertifolia

Area Sampled (acres): 2

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1.5 ft avg

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

Storage, native plant material 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:

Photograph Taken: Digital 35mm

Reference  
(PLANTS Code, Coll.  
Number, Pic. No.):ATCO\_GBP  
MC-23\_A

Where Image will be Filed: GBPMC

# Seed Test/Packaging Record

**SOS-GBPMC-23**

ATCO-SOS-GBPMC-23-09

Atriplex confertifolia

shadscale saltbush

BLMS

3.15 P

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	3-30-10
OSU Sample Taken	# of pounds	AC
	1.1g	
Sample Sent	Y/N	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	83%	REMARKS
Moisture Content	6.0%	
Seed Count	91,000	
GERM	— TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	97%	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.
								27.7	6.0

## X-Ray Results

83 % 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>.087</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.961</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>3.048</u> gms
• Inerts <u>.087</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>97</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).

.507 .480

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 = 4.98 = 1000 seed wt.

Seeds per Pound = 91,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.153</u>

beg bal  
WRPIS — wait tz results  
New bal

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

DATE	Start	Stop	Process	Initials
3-30-10	1015		226-test	AC
		1050	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_