

UT080-11
21-Oct-08

BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

Cleaning Facility:

Date(s) Collected (DD/MM/YY):

Seed Collection Reference Number:

Collector(s):

Country:

Ecoregion (T.O. B):

State:

County:

Location Details:
* Brush Creek

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: WGS84

Elevation (feet): Landowner Details (Permission?):

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Modifying Factors: Grazed

Land Form: Slope°:

Land Use: Aspect: SE

Geology:

Soil Texture: Sand 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: Shrub

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:

Seed Test/Packaging Record

SOSUT-08008-16

ATCO4-SOSUT-080-11-08
Atriplex corrugata
mat saltush
BLMS 2.27 P

PRE-PACKAGING CHECKLIST

| | | |
|--------------------|--------------------|--------------------------------|
| Tag Count Complete | # of Tags ~1 | Date/Initials 4/18/09 AC |
| OSU Sample Taken | # of pounds ~7g | |
| Sample Sent | Y/N | |

Test Results: Both in-house and/or OSU

| | | |
|---|---------|--|
| 100 Seed X-ray | 80% | REMARKS  ENTERED |
| Moisture Content | 5.3% | |
| Seed Count | 130,300 | |
| GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___ | | |
| PURITY <u>93%</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. |
| | | | | | | — | 68° | 24.2 | 5.3 |

X-Ray Results

80 % 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>-.375</u> gms |
| Wt of Impurities: | Wt. of Clean Seed <u>5.07</u> gms |
| • Crops _____ gms | TOTAL (Impurities + Clean Seeds) <u>5.445</u> gms |
| • Inerts <u>-.375</u> gms <i>empty seed coats</i> | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{93} \%$ |
| • Weeds _____ gms <i>stem pieces</i> | |
| • Noxious _____ gms | |

SEEDS PER POUND

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

.338 .356
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 = $\frac{453600}{1000 \text{ seed wt.}}$ 130,300 = $\frac{453600}{3.48}$

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 3.48 = 1000 seed wt.
Seeds per Pound = 130,300

FINAL PACKAGING for Seed Storage/Transfer

| Bag # | Bag Wt. | Bag # | Bag Wt. |
|------------------|-------------|----------|-------------|
| Bag # 1 | <u>.748</u> | | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| TOTAL Wt. | | | <u>.748</u> |

* .104# PPMC 10m
0.852# Final wt before PPMC

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

| DATE | Start | Stop | Process | Initials |
|----------------|-------------|-------------|----------|-----------|
| <u>4/18/09</u> | <u>1015</u> | <u>1050</u> | 226-test | <u>AC</u> |
| | | | 2270-pkg | <u>AC</u> |

| | |
|-------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> | ID card file sample |
| <input type="checkbox"/> | Regional Office ID file |

POSTED TO: Lot Completion Logbook Computer NMIS _____

mit tonight bit
