

UT080-3
22-0ct-08

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

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: KOMA

Circle relevant descriptions shown in *italics*.

Cleaning Facility:

Date(s) Collected (DD/MM/YY): 7/24/08

Seed Collection Reference Number: UT080-3

Collector(s): Lucy Hollfeld, Leanne Moss, Jessie Salix

Country: USA Ecoregion (T,O,B): 19 State: UTAH County: Uintah

Location Details: From Rainbow, continue south on Atoche Ridge. collection site at Utah/Colorado Border. T 14S, R 26E, S 7

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 39° 37' 1.23" N GPS Used?: (Yes) No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 109° 2' 56.3" W GPS Datum: NAD83 NAD27 (WGS84) Other:

Elevation (feet): 8149.61 Landowner Details (Permission?): BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Mountain desert shrub community sagebrush, pinyon pine, juniper, ricegrass

Modifying Factors: Mowed Burned (Grazed) Flooded Seeded Trampled Other:

Land Form: Mountain Slope: 2%

Land Use: Livestock grazing Aspect: N NE E SE S SW (W) NW

Geology:

Soil Texture: (Clay) Silt Sand Other:

Soil Color:

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

Family: Poaceae

No. of Plants Sampled (min. 50): 3200

Genus: Koeleria

No. of Plants Found (approx.): 10,000

Species: macrantha

Area Sampled (acres): 5

Subspecies/Variety: -

Seeds Collected From: (Plants) Ground Both

Plant Habit: Tree Shrub Forb Succulent (Grass/Grasslike)

Plant Height (feet): 1-2

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: Junegrass, Prairie/Mountain Junegrass

Photograph Taken: (Digital) 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.): KOMA-UT080-3 A(B,C)

Where Image will be Filed:

PRIORITY

SOS-UT080-3

KOMA-SOS-UT080-3-08/09
Koeleria macrantha
prairie Junegrass
BLMS .55 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	11-6-09
OSU Sample Taken	# of pounds	AC
	.083	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	80	REMARKS ENTERED
Moisture Content	6.71	
Seed Count	1,225,900	
GERM	___	TZ <u>OSU</u> 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.
							76°	33.8	6.7

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>.002</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.074</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.076</u> gms
• Inerts <u>.002</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 97\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.037 .037 _____

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 = .37 = 1000 seed wt.
Seeds per Pound = 1,225,900

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.019		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.019

beg. balance .019
WRPIS 10,000 .011 +
New balance = .008

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

DATE	Start	Stop	Process	Initials
11-6-2009	1215		226-test	AC
		1255	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____