

434gmo

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:

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:

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

PRIORITY

SOS-OR110-110

ACLE8-SOS-OR110-110-09
 Achnatherum lemmonii
 Lemmon's needlegrass
 BLMS .93 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	5	12/5/09
OSU Sample Taken	# of pounds	AC
	1.1g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	90%	REMARKS ENTERED
Moisture Content	4.8%	
Seed Count	88,000	
GERM	—	TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	~99%	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.
						—	67	21.6	4.8

X-Ray Results

90 % 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: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.512 .517

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 = 5.15 = 1000 seed wt.
 Seeds per Pound = 88,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.690		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.690

beg-bal .690
 WRPIS 19,000 — .128
 NEW BAL = .562

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

DATE	Start	Stop	Process	Initials
12-5-09	1455		226-test	AC
		1535	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____