



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): 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?: 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: (Note: *Grazed* is circled)

Land Form: Slope°:

Land Use: Aspect: (Note: *E* is circled)

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: (Note: *MP* is handwritten)

No. of Plants Found (approx.):

Species:

Area Sampled (acres):

Subspecies/Variety:

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

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: (Note: *MP* is handwritten)

Photograph Taken: Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:

Seed Test/Packaging Record

SOS-AZ932-71

MUPO-SOS-AZ932-71-09
 Muhlenbergia polycaulis
 cliff muhly
 BLMS .33 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	5/3/10
OSU Sample Taken	# of pounds	
	0.047g	LAD
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	REMARKS
Moisture Content	ENTERED
Seed Count	
GERM	TZ OSU Strat Time: NC 4C 8C 13C
PURITY	89% 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.
							73.3°F	26.5	5.7

X-Ray Results	
89%	% Filled
	static!
89	Results from Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: 0.150 gms	Wt. of All Impurities: 0.016 gms
Wt. of Impurities:	Wt. of Clean Seed: 0.126 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) 0.142 gms
• Inerts 0.016 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 88.7\%$
• Weeds _____ gms	
• Noxious _____ gms	

some broken seed

SEEDS PER POUND

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

0.013 0.013 0.021
 TOTAL of ALL Reps: 0.080
 Average: 0.016

** 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 = 0.160 = 1000 seed wt.
 Seeds per Pound = 2,835,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.013		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.013

beg. bal = 0.013#
 WRPIS 0.005#
 0.008#

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

DATE	Start	Stop	Process	Initials
5/3/10	0830	0930	226-test	LAD
"	1045	1200	2270-pkg	LAD
	1230	1400		LAD

5/3/10 LAD ID card file sample
 5/3/10 Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/3/10 Computer NMIS