

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?:

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:

PRE-COLLECTION CHECKLIST

Seed Test/Packaging Record

SOS-ID931-199

MIGU-SOS-ID931-199-09

Mimulus guttatus
seep monkeyflower

BLMS .24 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 1	Date/Initials 5/20/10
OSU Sample Taken	# of pounds 0.004g	
Sample Sent	Y/N Y	

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	99% or NOXIOUS WEED only ___

Three methods below)

HygroPalm				
M.C.	Time	Air Temp	ERH	M.C.

too few seed

X-Ray Results

Cut test ★
96% % Filled
Results from Seed X-Ray

*used a average between lots (SOS-10931-198 & 199) to calculate seed per pound. This seed MIGU is so tiny I had to round up 100' seed weights because the scale only weighed to 3 decimal places, when I needed 4, for this tiny seed.

Chart to determine wt. of sample)

Wt. of All Impurities:	0.000	gms
Wt. of Clean Seed	0.004	gms
TOTAL (Impurities + Clean Seeds)	0.004	gms
Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 =	≈ 99%	%

difference between max and min is less than 10% of the average samples, data is acceptable

between max & Min wt. ___ 10% of average ___

Seeds/Pound = 453600 (453.6 grams = 1 pound)
1000 seed wt.

Average: 0.001 To calculate M seed wt, take Total of 5 samples times 2.
 S/# 45,360,000 this lot
 S/# 22,680,000 lot 198 > avg
 34,020,000
 2 x Total of 5 reps = 0.010 = 1000 seed wt.
 Seeds per Pound = 34,020,000 * see blue note

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.007		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.007

★ cut test - seed did not X-ray
 48/50 seed good
 begin bal 0.007
 WRPIS 0.001#
 0.006#

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

DATE	Start	Stop	Process	Initials
5/20/10	0750	0920	226-test	LAD
			2270-pkg	

6/20/10 LAD ID card file sample
 Inventory Card Completed