BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 19 May 2009)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: MIGU
Cleaning Facility: Bend

Date(s) Collected (DD/MM/YY): 27/08/09 **Seed Collection Reference Number:** OR030-64

Collector(s): Eshleman, Wigglesworth

Country: USA **Ecoregion (T,O,B):** O-80 **State:** OR County: Malheur

Location Details: Crooked Creek State Wayside

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 42° 47' 56.3" N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 117° 44' 49.7" W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 3549 Landowner Details (Permission?): State land

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Eleochorys spp., Typha spp., Rumix spp., Salsola iberica, Lactuca serriola, Cirsium arvense
Overflow Drainage

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:* Overflow ditch

Land Form: ditch Slope°: 15-20

Land Use: None Aspect: *N* *NE* *E* *SE* *S* *SW* *W* *NW*

Geology: Clay soil capped basalt flow

Soil Texture: *Clay* *Silt* *Sand* *Other:* Silty Loam Soil Color: Dark Brown

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

Family: Scrofulareceae **No. of Plants Sampled** (min. 50): 513

Genus: Mimulus **No. of Plants Found (approx.):** 900

Species: guttatus **Area Sampled (acres):** 1

Subspecies/Variety:

Rec 8/31/09

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: Reclamation – Springs

3 cloth
0,420#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): Yellow Flower with red spots

Common Name(s) of Plants: Seep monkeyflower

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): MIGU_OR030-64_A,B,C Where Image will be Filed:

Seed Test/Packaging Record

SOS-OR030-64

MIGU-SOS-OR030-64-09
Mimulus guttatus
seep monkeyflower
BLMS .42 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 1	Date/Initials
OSU Sample Taken	# of pounds: 0.010	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: * cut test 94%
Moisture Content: 6.1%
Seed Count: 22,680,000

REMARKS: No X-Ray-cut test. seed very tiny.

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 97% or NOXIOUS WEED only ___ ENTERED

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.
							70.8	28.5	6.1

X-Ray Results

NO X-ray * ___ % Filled
cut test Results from ___ Seed X-Ray

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

Wt. of Sample: 0.028 gms

Wt of Impurities:
- Crops ___ gms
- Inerts 0.001 gms
- Weeds ___ gms
- Noxious ___ gms

Wt. of All Impurities: 0.001 gms
Wt. of Clean Seed 0.028 gms
TOTAL (Impurities + Clean Seeds) 0.029 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 96.5% %

SEEDS PER POUND

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

0.002 ___ ___
___ ___
TOTAL of ALL Reps: 0.010
Average: 0.002

** 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 = 453600 (453.6 grams = 1 pound)
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 0.020 = 1000 seed wt.
Seeds per Pound = 22,680,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.010	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	0.010

ENTERED

* cut test: 34/36 good 94%
legend/bal 0.010#
WRPIS 0.001# 10M
0.009#

SEED TRANSFER Log Number ___

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5/28/18	12.05	1310	226-test	LAD
			2270-pkg	

	ID card file sample
5/28/18 LAD	Inventory Card Completed

POSTED TO: Lot Completion Logbook 5/28/18 LAD Computer NMIS___