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: IPMU3
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 01/10/08 **Seed Collection Reference Number:** AZ932-61

Collector(s): SHEILA MURRAY, RACHEL EDELSTEIN, MICHAEL LINDQUIST, KRISTIN HASKINS

Country: USA **Ecoregion (T,O, B):** COLORADO PLATEAU **State:** AZ County: COCONINO

Location Details: SOUTH OF FLAGSTAFF, FS ROAD 700, APP 5 MILES DOWN ROAD, ON DRY ROCKY HILLSIDES

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 35° 4' 10.6"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 40' 34.6"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6840' Landowner Details (Permission?): FOREST SERVICE (YES)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: PONDEROSA PINE FOREST, OPENINGS IN FOREST, ERIOGONUM, CIRSIUM, BOUTELOUA, FESTUCA, QUERCUS

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

Land Form: HILL Slope°: 7°

Land Use: 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: POLEMONIACEAE **No. of Plants Sampled** (min. 50): 400

Genus: IPOMOPSIS **No. of Plants Found (approx.):** 10000

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

Subspecies/Variety:

Rec 10/15/08

Seeds Collected From: *Plants* *Ground* *Both*

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): .5'

Native plant materials development and research this accession will be used for: SEEDS OF SUCCESS

4 envelopes
0.235#

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

Common Name(s) of Plants: MANYFLOWERED IPOMOPSIS

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): IPMU3_AZ932-61_A-C Where Image will be Filed: ARBORETUM

Seed Test/Packaging Record

PRIORITY

SOSAZ-93208-32

IPMU3-SOSAZ-932-61-08
Ipomopsis multiflora
manyflowered ipomopsis
BLMS .23 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 12/8/08 AC
OSU Sample Taken	# of pounds: .29g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray: 93%
Moisture Content: 5.5%
Seed Count: 578,000

REMARKS: ENTERED

GERM ___ TZ OSU 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.
						—	71°	25.6	5.5

X-Ray Results

93 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms

Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

1 other (small round) + shriveled seed

Wt. of All Impurities: .021 gms
Wt. of Clean Seed .812 gms
TOTAL (Impurities + Clean Seeds) .833 gms

Percent Purity = (Wt. of clean seeds) 100 = 97 %

SEEDS PER POUND

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

.116 .122 _____ _____ _____

TOTAL of ALL Reps: _____
Average: _____

is less than 10% of the average

10% of average _____

ams = 1 pound)

es 2.
= 1000 seed wt.
50

Nita this is one we waited for an answer to PPMC or to client.
10,000 seed PPMC would have taken all of the lot so you had me pull just 500 (PPMC). + the rest is due to flagstaff 12/30

~500 PLS

Nita's request since Lot is a priority + 10,000 seeds would have taken entire seed lot.

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.025	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.025

ENTERED

SEED TRANSFER Log Number 10/Ship08

Date	Wt. Shipped	Ship via	Purpose Remarks
12/23	all		

DATE	Start	Stop	Process	Initials
12/8/08	1520		226-test	AC
		1555	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____

PRIORITY

SOSAZ-93208-32

IPMU3-SOSAZ-932-61-08
Ipomopsis multiflora
manyflowered ipomopsis
BLMS .23 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags: 0	Date/Initials: 12/8/08 AC
OSU Sample Taken	# of pounds: .29g	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 93%
Moisture Content 5.5%
Seed Count 378,000

REMARKS: ENTERED

GERM ___ TZ OSU 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.
						—	71°	25.6	5.5

X-Ray Results

93 % Filled

Results from 100 Seed X-Ray

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

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

other (small round) + shriveled seed

Wt. of All Impurities: .021 gms
Wt. of Clean Seed .812 gms
TOTAL (Impurities + Clean Seeds) .833 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97 %

SEEDS PER POUND

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

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

.116 .122 _____ _____ _____

TOTAL of ALL Reps: _____
Average: _____

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 = 1.20 = 1000 seed wt.
Seeds per Pound = 378,000

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.025	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.025

ENTERED

S PPMC .002# ~500PLS
Nita's request since Lot is a priority
+10,000 seeds would have taken entire seedlot.

SEED TRANSFER Log Number 10/Ship08

Date	Wt. Shipped	Ship via	Purpose Remarks
12/23	all		

DATE	Start	Stop	Process	Initials
12/8/08	1520		226-test	AC
		1555	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____