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: IPLO2
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 25/09/08 **Seed Collection Reference Number:** AZ932-60

Collector(s): SHEILA MURRAY

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

Location Details: NORTH OF FLAGSTAFF, FS ROAD 514, MILE MARKER 11, IN DRAINAGES OFF THE ROAD

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 35° 26' 58.1"N GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 36' 39.5"W GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 6700' Landowner Details (Permission?): FOREST SERVICE (YES)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: PINYON JUNIPER GRASSLAND, BOUTELOUA GRACILIS, IN DRAINAGES

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

Land Form: LOWSLOPE Slope°: 5°

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): 100

Genus: IPOMOPSIS **No. of Plants Found (approx.):** 500

Species: LONGIFLORA **Area Sampled (acres):** 3

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): .5'-1'

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

Rec 10/15/08
3 cloth
0.635#

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

Common Name(s) of Plants: FLAXFLOWERED IPOMOPSIS

Photograph Taken: *Digital* *35mm* Reference (PLANTS Code_Coll. Number_Pic. No.): IPLO2_AZ932-60_A-C Where Image will be Filed: ARBORETUM

PRIORITY

SOSAZ-93208-31

IPLO2-SOSAZ-932-60-08
Ipomopsis longiflora
flaxflowered ipomopsis
BLMS .63 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	12/8/08
OSU Sample Taken	# of pounds .15g	AC
Sample Sent	(Y)/ N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90%
Moisture Content 5.7%
Seed Count 612,970

REMARKS ENTERED

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.
						—	71°	27%	5.7

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

Wt. of All Impurities: _____ gms
Wt. of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 99 %
good!

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).

.073 .074 _____
_____ _____

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 = .74 = 1000 seed wt.
Seeds per Pound = 612,970

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.143	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.143

.018# to PPMC (1st)

ENTERED

SEED TRANSFER Log Number 101ship08

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

DATE	Start	Stop	Process	Initials
12/8/2008	1430		226-test	AC
		1505	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____