BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: IRMIP

Date Collected (DD/MM/YY): 7/14/06 **Seed Collection Reference Number:** CO 932-129

Collector(s): ALLAN STEVENS

Country: USA **Ecoregion:** 19 **State:** CO County: DOLORES

Location Details: DRY MEADOW IN PONDEROSA PINE, QUAKING ASPEN COMMUNITY

Lat. (dg/min/sec): N 37° 35'33.8" GPS Used?: **Yes** *No* If no, please see other side.

Long. (dg/min/sec): W 108° 23' 55.5" GPS Datum: **NAD83** *NAD27* *WGS84* *Other:*

Elevation (feet): 8316 Landowner Details (Permission?): FOREST SERVICE

HABITAT DATA

Habitat & Associated Species: PINUS PONDEROSA, POPULUS TREMULOIDES, ROSA WOODSII, ACHILLEA MILLEFOLIUM, LUPINUS ARGENTEUS, FESTUCA ARIZONICA, AGROPYRON SMITHII

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

Land Form: Slope°:

Land Use: Aspect: *N* *NE* *E* *SE* *S* *SW* **W** *NW*

Geology:

Soil Texture: *Clay* **Silt** *Sand* *Other:* Soil Color: DARK BROWN

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

Family: IRIDACEAE **No. of Plants Sampled:** 292

Genus: IRIS **No. of Plants Found (approx.):** 1000

Species: MISSOURIENSIS **Area Sampled (acres):** 8

Subspecies/Variety: PELLOGONUS

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

Plant Habit: *Tree* *Shrub* **Forb** *Succulent* *Grass/Grasslike* Plant Height (feet): 2

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No* Rec 8/08/06

If not, enter details of collector, reference, where lodged, and date collected: 1 yard bag

2.808#
- .540
2.268

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

Common Name(s) of Plants: ROCKY MOUNTAIN IRIS

Photograph Taken: *Digital* *35mm* Reference: Where Image will be Filed:

1 Pcard needed -09

Seed Test/Packaging Record

SOSCO-93206-09

IRMIP-SOSCO-932-129-06
Iris missouriensis
Rocky Mtn. iris
SNWC 2.265 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 11.29.06 AC
OSU Sample Taken	# of pounds: 2.99	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: 94
Moisture Content: ___
Seed Count: 34,230
GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 97 or NOXIOUS WEED only ___

REMARKS

ENTERED

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results

94 % 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: 2.65 gms
Wt. Of Clean Seed .076 gms
TOTAL (Impurities + Clean Seeds) 2.726 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 97 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
1.319 1.331 ____ ____ ____
TOTAL of ALL Reps _____
Average 1.325

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

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 13.25 = 1000 seed wt.
Seeds per Pound = 34,230

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	1.126	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	1.126

ENTERED

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

yes ✓	ID card file sample
	Regional Office ID file

DATE	Start	Stop	Process	Initials
11.29.06	1415		226-test	AC
		1440	2270-pkg	AC

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ____ **NA**