

Contact E-mail: james_greer@blm.gov (208) 478-6388

Boonville, ID BLM Field Office

Tests: X-ray, moisture content, Purity seeds 1 pound, TE test Store at Bend

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



Please use BLOCK CAPITALS

MSB Serial Number: []

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: FRPU2

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 14/07/05 Seed Collection Reference Number: ID-320-085

Collector(s): BRUCE HALL, JOHN THOMAS, ELAINA BENSHEIMER

Country: USA Ecoregion: UTAH-WYOMING-ROCKIES State: IDAHO County: CARIBOU

Location Details: WEST OF BANCROFT, NORTH CANYON ROAD, FISH CREEK RANGE

Lat. (dg/min/sec): N 42°42'35" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 111°58'01" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 6158' Landowner Details (Permission?): BLM

HABITAT DATA

Habitat & Associated Species: JUNIPERUS OSTEOSPERMA, POPULUS TREMULOIDES, STIPA SPP., AGROPYRON SPICATA, ERIOGONUM HERACULOIDES, BROMUS TECTORUM, PHACELIA HASTATA

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: TOP OF HILL Slope°: 0

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

Geology: []

Soil Texture: Clay Silt Sand Other: Soil Color: TAN

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

Family: LILIACEAE No. of Plants Sampled: 280

Genus: FRITILLARIA No. of Plants Found (approx.): 5000

Species: PUDICA Area Sampled (acres): 10

Subspecies/Variety: []

Seeds Collected From: Plants Ground Both

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike Plant Height (feet): .05

Does the pressed specimen have the same reference as the seed collection?: Yes No Rec 8/8/05

If not, enter details of collector, reference, where lodged, and date collected: 1 sm cloth 0.169 .078

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): .091 ✓ New ID

Common Name(s) of Plants: YELLOW FRITILLARIA

Photograph Taken: Digital Reference: [] Where Image will be Filed: CD

FRPU2-SOSID-320-085-05
 Fritillaria pudica
 yellow bells
 SNWC .091 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~1	Date/Initials 12-02-05 AC
OSU Sample Taken	# of pounds .51g	
Sample Sent	(Y/N)	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	90	
Moisture Content		
Seed Count	193,020	
GERM	TZ OSU	
Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY ~99 or NOXIOUS WEED only ___		

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
90 % Filled
Results from 100 Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: _____ gms
Wt. Of Impurities:	Wt. Of Clean Seed _____ gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{\sim 99\%}$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.
Weight to three decimal places, when possible	
Wt. Of 5 reps of 100 seeds each (in grams).	
.235, .239	Difference between max & min wt. _____ 10% of average _____

-----	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average _____	2 x Total of 5 reps = $\frac{2.35}{2} = 1.175$ = 1000 seed wt.
	Seeds per Pound = $\frac{193,020}{1.175} = \underline{164,272}$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.061		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.		0.061	

Transaction Fee: _____			
Seedbank Location			
SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
12-02-05	1115		226-test	AC
		1140	2270-pkg	AC

_____	ID card file sample
_____	Regional Office ID file

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