BLM SEEDS OF SUCCESS FIELD DATA FORM

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

MSB Serial Number:

Date Collected (DD/MM/YY): 29/07/02 **Seed Collection Reference Number:** RBGLW - BEND 04

Collector(s): LESLIE WRIGHT

Country: USA **Ecoregion:** UT-WY ROCKIES **State:** UT County: DAVIS

Location Details: SKYLINE & LOOP ROAD 5.4 MILES FROM FOREST SERVICE SIGN ON BOUNTIFUL SIDE DAVIS COUNTY, UTAH

Lat. (dg/min/sec): N 40° 54.822' GPS Used? (Yes/No): YES If no, please see other side.

Long. (dg/min/sec): W 111° 49.546' GPS Datum: *NAD27 Other:* WGS 84

Elevation (feet): 7132 FT (US FOREST SERVICE MANALED WASATCH-CACHE NF SALT LAKE RANGER DISTRICT)

HABITAT DATA

Habitat & Associated Species: OAK-MAPLE : QUERCUS GAMBELLII, ACER GRANDIDENTATUM, LUPINUS SPP., PRUNUS VIRGINIANA, MYETHIA AMPLEXICAULIS, PENSTEMON CYANANTHUS

Modifying Factors: *Mown Burnt Grazed Flooded Seeded Trampled Other:* ROADSIDE DISTURBANCE

Land Form: SHADY TO ~~SUNNY~~ (EXPOSED) HILLSIDE Slope°: 10° - 50°

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

Geology:

Soil Texture: *Clay (Silt) Sand Other:* Soil Color: GREY BROWN

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

Family: POLEMONIACEAE **No. of Plants Sampled:** 200-250

Genus: IPOMOPSIS **No. of Plants Found (approx.):** [redacted] 400

Species: AGREGATTA aggregata **Area Sampled (sq. yards):** 600 yd²

Subspecies/Variety: — No. of Pressed Specimens: 4

Seeds Collected From: *(Plants) Ground Both*

Plant Habit: *Tree Shrub (Forb) Succulent Grass/Grasslike* Plant Height (feet): 0.5 - 2.5 FT

Does the pressed specimen have the same reference as the seed collection? (Yes/No): YES

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): COROLLA RED IPAG forb/herb

Common Name(s) of Plants: SCARLET GILIA, SKYROCKET GILIA

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

INHOUSE TESTS

LONG CODE: IPAG-58+RBGLW-BEND04-02 SHORT CODE: SOS 5802-50

MOISTURE CONTENT (use one of four methods below)

OVEN TEST *Moisture Content in Grams*

Wt. Of wet seeds	
Wt. Of dry seeds	
Wt. Difference	
M.C. = (Difference) X 100 (Wt of wet seeds)	
(use 6-8 grams, depending on seed size)	

MOISTURE ANALYZER

Temp °C	Time Used	% M.C.

DOLE METER

	Dial Reading	M.C.	Grams
1)			
2)			

DICKEY JOHN

Grain Type	# Gms	Chart Data	M.C.
1)			
2)			

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 .035 gms.

Wt. Of Clean Seeds .795 gms.

TOTAL (Impurities + Clean Seeds) .83 gms.

Percent purity (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 96 %

SEEDS PER POUND

Weigh to three decimal places when possible

Wt. Of 5 reps of 100 seeds each (in grams) .159

TOTAL of ALL reps _____

AVERAGE _____

Difference between max & min wt. _____

10 % of average _____

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

NOTE: SEEDS PER POUND = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 X Total of 5 reps = 1.59 = 1000 seed Wt

Seeds per Pound = 285,283

Round to nearest hundred

DATE: 11/21/02

INITIALS: AC

10-20 Seeds Taken for ID Card File

Sheila's file

84 % FILLED SEED FROM 100 SEED X-RAY

POSTED TO : LOT COMPLETION LOG _____ COMPUTER _____ ENTERED

SEED DRYING and PACKAGING LOG SHEET

SOURCE CODE: IPAG-58-RBGLW-BEND04-02 **SHORT CODE:** SOS 5802-50

DRYING: after extraction & prior to FINAL PACKAGING
DRYSD = 225

Date	Barrells Rec'd	Initials	Pre-Moist. Content	Temp in C.	Final Moist. Content	NOTES/REMARKS

PRE-PACKAGING CHECKLIST **TESTS: OSU or INHOUSE**

Tag Count Complete	# of Tags	Date/Initials	GERM ___ or TZ ___	NC__ 4C__ 8C__ 13C__
	0	11/19/02 AC	PURITY 96%	REMARKS
Sample Taken	# of Grams		SEED WEIGHT 285,283	
	—	—	MOISTURE CONT. —	
Sample Sent	—		100-Seed X-RAY 84%	

DESTRUCTION: seed destroyed due to low germ, bugs, unknown source, etc.
SDDEST = 249

Date	Weight	Oked by Client Name	Reason for destruction

FINAL PACKAGING for Seed Storage
WEIGH = 231

DATE	Initial	Box #	Box Wt. In LBS.	Date sent to BSE storage	REMARKS
11/19/02	AC	1	0.016		ENTERED Set up fee
		2			
		3			
		4			
		5			
		6			
		7			
		8	ENTERED		
		9			SEEDBANK LOCATION
TOTAL Weight of Seedlot:			0.016		

SEED TRANSFER: seed needed ASAP for sowing &/or prior to computer record entry.
Purpose: sowing = 246, 247, or 248; storage = 255, other

Date	Initial	# of Pkgs	Wt. Shipped	Method of Shipment	PURPOSE CODE/REMARKS