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:** VIAM OK

**Date Collected (DD/MM/YY):** July 1, 04

**Seed Collection Reference Number:** Ut930-Bend29

**Collector(s):** Matthew Utley

**Country:** USA **Ecoregion:** Utah/Wyoming Rockies **State:** Utah **County:** Salt Lake

**Location Details:** South of Red Butte Canyon road Behind Red Butte Garden

**Lat. (dg/min/sec):** N 40°46'25" GPS Used?: *Yes* *No* If no, please see other side.

**Long. (dg/min/sec):** W 111°48'32" GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

**Elevation (feet):** 5949 feet Landowner Details (Permission?): yes

## HABITAT DATA

**Habitat & Associated Species:** Associated with Quercus gambelii, Acer grandidentatum Balsamorhiza sagittata.

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:* none

Land Form: Foot hills Slope°: 15°

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

Geology: Sandstone

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

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

**Family:** Fabaceae **No. of Plants Sampled:** 500

**Genus:** ~~Vicia~~ Vicia **No. of Plants Found (approx.):** 600

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

Subspecies/Variety: —

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 1.5

**Does the pressed specimen have the same reference as the seed collection?:** *Yes* *No*

**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):** ID card needed

Common Name(s) of Plants:

Photograph Taken: *Digital* *35mm* Reference: Vica. americana July 1 04 Where Image will be Filed: Red Butte Garden

# Seed Test/Packaging Record

**SOSUT-93004-12**

VIAM-SOSUT-930-BEND29-04
Vicia americana
American vetch
SNWC .255 P

| PRE-PACKAGING CHECKLIST | | |
|---|---|---|
| Tag Count Complete | # of Tags | Date/Initials |
| | | 10-27-04 AC |
| OSU Sample Taken | # of pounds | |
| | 0 | |
| Sample Sent | Y / (N) | |

**Test Results: Both Inhouse and/or OSU**

100 Seed X-ray 82%
Moisture Content —
Seed Count 15,850
GERM — TZ — Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 99% or NOXIOUS WEED only —

REMARKS

POSTED

**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**

82 % 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 %

**SEEDS PER POUND**

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
2.862 ---------- ----------
---------- ----------
TOTAL of ALL Reps _____
Average 2.862

***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 = 28.62 = 1000 seed wt.

Seeds per Pound = 15,850

**FINAL PACKAGING for Seed Storage/Transfer**

| | Bag Wt. | | Bag Wt. |
|---|---|---|---|
| Bag # 1 | 0.107 | Bag # | |
| Bag # 2 | | | |
| Bag # 3 | | | |
| Bag # 4 | | | |
| Bag # 5 | | Last Bag | |
| | | **TOTAL WT.** | 0.107 |

POSTED

**Transaction Fee:** _____

POSTED

**Seedbank Location**

**SEED TRANSFER Log Number** _____

| Date | Wt. Shipped | Ship via | Purpose/Remarks |
|---|---|---|---|
| | | | |

| DATE | Start | Stop | Process | Initials |
|---|---|---|---|---|
| 10-27-04 | 1435 | | 226-test | AC |
| | | 1455 | 2270-pkg | AC |

| | |
|---|---|
| done | ID card file sample YES |
| _____ | Regional Office ID file |

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