

Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in **bold**.

NRCS PLANTS Code: RUVE2

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): 18/05/07

Seed Collection Reference Number: UT931-BEND70

Collector(s): GREG MAURER

Country: USA

Ecoregion: 19-CO Plateau

State: UT

County: EMERY

Location Details:

STABILIZED DUNE AREA NORTH OF THE FLAT TOPS. ROUGHLY 12 TO 15 MILES IN FROM HWY 24 ON THE HANS FLAT ROAD.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

N

GPS Used?:

Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

W

GPS Datum:

NAD83 NAD27 WGS84 Other:

Elevation (feet):

Landowner Details (Permission?):

BLM, YES

HABITAT DATA

Habitat & Associated Species:

STABILIZED SAND DUNES WITH EPHEDRA SP., QUERCUS HAVARDII VAR. TUCKERI (Q. WELSHII), LUPINUS SP., ASTRAGALUS SP., CRYPTANTHA FLAVA, ABRONIA FRAGRANS, ACHNATHERUM HYMENOIDES, SPHAERALCEA SP.

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

SAND DUNES – STABLE

Slope°:

UNDULATING

Land Use:

MULTIPLE

Aspect:

N NE E SE S SW W NW

Geology:

SAND – ENTRADA DERIVED

Soil Texture:

Clay Silt Sand Other:

Soil Color:

PINK-ORANGE

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

Family:

POLYGONACEAE

No. of Plants Sampled (min. 50):

500

Genus:

RUMEX

No. of Plants Found (approx.):

800

Species:

VENOSUS

Area Sampled (acres):

4

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

1-2

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):

PERIANTH SEGMENTS ENLARGED IN FRUIT AND TINTED ROSY RED.

Common Name(s) of Plants:

VEINED DOCK

Photograph Taken:

Digital 35mmReference
(PLANTS Code_Coll.
Number_Pic. No.):

U1931-B70_5-18-07

Where Image will be Filed:

RED BUTTE GARDEN

9/28/07

8 paper Bags

Seed Test/Packaging Record

SOSUT-93107-01

RUVE2-SOSUT-931-BEND70-07

Rumex venosus

veined dock

BLMS

2.5 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags <u>2</u>	Date/Initials <u>12/9/07</u> <u>AC</u>
OSU Sample Taken	# of pounds <u>3.4g</u>	
Sample Sent	<u>(Y)N</u>	

Test Results: Both in-house and/or OSU

100 Seed X-ray	<u>94%</u>	REMARKS <u>delicate seed - per Jim B</u>
Moisture Content	<u>26,500</u>	
Seed Count	<u>26,500</u>	
GERM	<u>TZ OSU</u>	Strat Time: NC <u>4C</u> 8C 13C
PURITY	<u>98%</u>	or NOXIOUS WEED only <u> </u>

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 All Impurities: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
<ul style="list-style-type: none"> • Crops _____ gms • Inerts _____ gms <u>broken pieces</u> • Weeds _____ gms <u>shriveled seed</u> • Noxious _____ gms 	TOTAL (Impurities + Clean Seeds) _____ gms Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{98\%}$

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. of 5 reps of 100 seeds each (in grams).

1.682 1.73 _____

TOTAL of ALL Reps: _____

Average: 1.706

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

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

NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

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

2 x Total of 5 reps = 17.06 = 1000 seed wt.

Seeds per Pound = 26,500

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>494</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.		<u>0-494</u>	

Transaction Fee: _____

Seedbank Location _____

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
<u>12/9/07</u>	<u>1300</u>		226-test	<u>AC</u>
		<u>1325</u>	2270-pkg	<u>AC</u>

<u>ok</u>	<u>need</u>	ID card file sample
		Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____