



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: **FRANZ**

Date Collected (DD/MM/YY): **22/06/06** Seed Collection Reference Number: **UT 931-Bend 63**

Collector(s): **Greg Maurer, Matthew Utley**

Country: **USA** Ecoregion: **19-Co Plateau** State: **UT** County: **Emery**

Location Details: **Behind the veef on Temple Mtn Road - San Rafael Swell. Usually around washes**

Lat. (dg/min/sec): **N 38° 40' 01.3"** GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec): **W 110 41' 07.8"** GPS Datum: **NAD83 NAD27 WGS84 Other:**

Elevation (feet): **5490** Landowner Details (Permission?): **BLM, Yes**

**HABITAT DATA**

Habitat & Associated Species: **Along washes & draws up to sandstone walls of Canyon. Amelanchier utahensis, Juniperus osteosperma, Pinus edulis, Purshia stans, Duryaria, Gaillardia spethulata, A. hymenoides**

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

Land Form: **Sandstone canyons/washes** Slope: **0-30°**

Land Use: **ORV / Multiple** Aspect: **(N NE E) SE S SW W NW**

Geology: **Moenkopi shales, lots of Navajo sandstone (or Chinle?)**

Soil Texture: **Clay Silt Sand Other: Gravelly** Soil Color: **Reddish brown**

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

Family: **Oleaceae**

No. of Plants Sampled: **150**

Genus: **Fraxinus**

No. of Plants Found (approx.): **450**

Species: **anomala**

Area Sampled (acres): **12**

Subspecies/Variety:

Seeds Collected From:  Plants  Ground  Both

Plant Habit:  Tree  Shrub  Forb  Succulent  Grass/Grasslike

Plant Height (feet): **4-15**

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

**Rec 6/30**

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

**2 mini burlap bags**

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

**3.425  
 + .400  
 -----  
 3.025#**

Common Name(s) of Plants:

Photograph Taken:  Digital **35mm**

Reference: **Fraxinus anomala  
 6-22-06 - UT931  
 Bend 63**

Where Image will be Filed: **R26**

**Need ID card**

# Seed Test/Packaging Record

SOSUT-93106-02

FRAN2-SOSUT-931-BEND63-06  
Fraxinus anomala  
single leaf ash  
SNWC 3.025 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags <u>2</u>	Date/Initials <u>12-14-06</u> <u>AC</u>
OSU Sample Taken	# of pounds <u>4.3g</u>	
Sample Sent	<u>(Y)</u> / N	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	<u>94</u>	<b>ENTERED</b>
Moisture Content		
Seed Count	<u>31,450</u>	
GERM <u>—</u> TZ <u>OSU</u> Strat Time: NC <u>4C</u> 8C <u>—</u> 13C <u>—</u>		
PURITY <u>95</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.

*old st*

X-ray Results
<u>94</u> % Filled
Results from <u>100</u> Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: <u>.205</u> gms
Wt. Of Impurities: _____ gms	Wt. Of Clean Seed <u>4.3</u> gms
* Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) <u>4.505</u> gms</b>
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{95} \%$
* Weeds _____ gms	
* Noxious _____ gms	

*205 broken or shriveled seed + seed coat pieces*

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). <u>1.511</u> <u>1.423</u> <u>1.392</u>	Difference between max & min wt. _____ 10% of average _____
TOTAL of ALL Reps _____ Average <u>1.442</u>	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ To calculate M seed wt, take Total of 5 samples times 2. 2 x Total of 5 reps = $\frac{14.42}{2} = 1000 \text{ seed wt.}$ Seeds per Pound = <u>31,450</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>1.129</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.		<u>1.129</u>	

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
<u>12-14-06</u>	<u>1400</u>		226-test	<u>AC</u>
		<u>1435</u>	2270-pkg	<u>AC</u>

<u>yes</u>	ID card file sample
	Regional Office ID file

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