

Accession Date: 11/17/09

Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code:

Circle relevant descriptions shown in *italics*.

Cleaning Facility:

Date(s) Collected (DD/MM/YY):

21/07/09

Seed Collection Reference Number:

UT-030-135

Collector(s):

WASSENBERG, T. HANSEN, S.

Country:

USA

Ecoregion (T@B):

19

State:

UT

County:

GARFIELD

Location Details:

NORTH CP ROAD

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

37°46'25.322"N

GPS Used?:

Yes

No

If no, please see other side.

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

111°41'22.561"W

GPS Datum:

NAD83

NAD27

WGS84

Other:

Elevation (feet):

6154 ft

Landowner Details (Permission?):

BLM

**HABITAT DATA**

Habitat, Associated Species & Ecological Site Descriptor:

PINYON-JUNIPER, CHRYSOTHAMNUS SP., ARTEMESIA SP., MAHONIA FREMONTII, QUERCUS GAMBELII,

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

CANYON

Slope°:

0-45°

Land Use:

RECREATION

Aspect:

N NE E  SE S SW W NW

Geology:

ESCALANTE CANYONS

Soil Texture:

Clay  Silt  Sand  Other:

Soil Color:

Yellow - Grey

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

Family:

OLEACEAE

No. of Plants Sampled (min. 50):

6

Genus:

FRAXINUS

No. of Plants Found (approx.):

100

Species:

ANOMALA

Area Sampled (acres):

10

Subspecies/Variety:

Seeds Collected From:

Plants  Ground  Both

Plant Habit:

Tree

Shrub

Forb

Succulent

Grass/Grasslike

Plant Height (feet):

6-12

Native plant materials development and research this accession will be used for:

Seed Testing  
Common Garden Studies  
Seed increase and development

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

Small tree

Common Name(s) of Plants:

SINGLE-LEAF ASH

Photograph Taken:

Digital

35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:



Bend will forward 3,000 seeds to Fraxinus Germplasm Project in Iowa - left over to Amber Hughes in Escalante

SOS-UT030-135

FRAN2-SOS-UT030-135-09

Fraxinus anomala  
single leaf ash

BLMS .7P

# Seed Test/Packaging Record

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	3-22-10
OSU Sample Taken	# of pounds	AC
	4.19	
Sample Sent	Y/N	
	(Y)	

## Test Results: Both in-house and/or OSU

100 Seed X-ray	98	REMARKS <b>ENTERED</b>
Moisture Content	5.8%	
Seed Count	22,100	
GERM	TZ <u>osu</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	<u>~88%</u>	or NOXIOUS WEED only ___

## MOISTURE CONTENT (use one of three methods below)

**Dole Meter**			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.

## X-Ray Results

98 % 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: <u>1.088</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>7.864</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>8.952</u> gms
• Inerts <u>1.088</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{88} \%$
• Weeds _____ gms	
• Noxious _____ gms	

*most = broken pieces some may still be viable*

## SEEDS PER POUND

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

1.966   2.085   \_\_\_\_\_

TOTAL of ALL Reps: \_\_\_\_\_  
Average: \_\_\_\_\_

\*\* 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 =  $\frac{20.5}{2} = 10.25$  = 1000 seed wt.  
Seeds per Pound = 22,100

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>.212</u>

*Special Project - ship to Ames, not WRAS!*  
beg bal = .212  
AMES -161# 3,000 as request  
New bal = .051

## SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
3-22-10	1305		226-test	AC
		1350	2270-pkg	AC

ID card file sample  
Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_