

# Greenhouse Plays Important Part In Study Of Flax

## EXPERIMENTS ARE CONDUCTED THERE BY SKILLED STAFF

### Flax Is Grown Outside As Well As Inside Of Modern Greenhouse

The small, attractive building to the right of the main office and just inside the fence is the Ecusta Greenhouse, constructed for the purpose of studying the growth and development of flax.

Flax seed is used in the manufacture of linseed oil, but more important to us, the fiber is used in the manufacture of cigarette paper. There are many varieties of flax — some containing much fiber and some more valuable for the seed. A plant usually is used for its seed or its fiber. If a flax plant containing large seeds and a large amount of fiber were developed, its possibilities would be unlimited as a commercial crop.

Experiments are being conducted for the production of plants having greater resistance to disease, early maturity and with improved fiber and seed qualities and quantities.

Since it is possible to work with diverse samples of soil and varied kinds of climate inside the greenhouse, experiments are being made to determine the way flax grows under varied atmospheric conditions, soil qualities, temperatures, rainfall, etc.

This calls for tedious study of many different varieties of plants. With the greenhouse facilities, two complete crops of flax are grown each year; one outdoors during the summer season and the other in the greenhouse in the winter season, thus speeding up the program.

In addition to the thorough study of flax it is interesting to know that other fibrous plants are also under observation.

Members of the staff of the greenhouse are: H. P. Vannah, director; Dr. Charles Ray, geneticist—Plant Breeder; Dr. Dorothy Day, Plant Physiologist; Fred J. Fendley, Greenhouse Operator and Carolyn Ashworth, secretary.

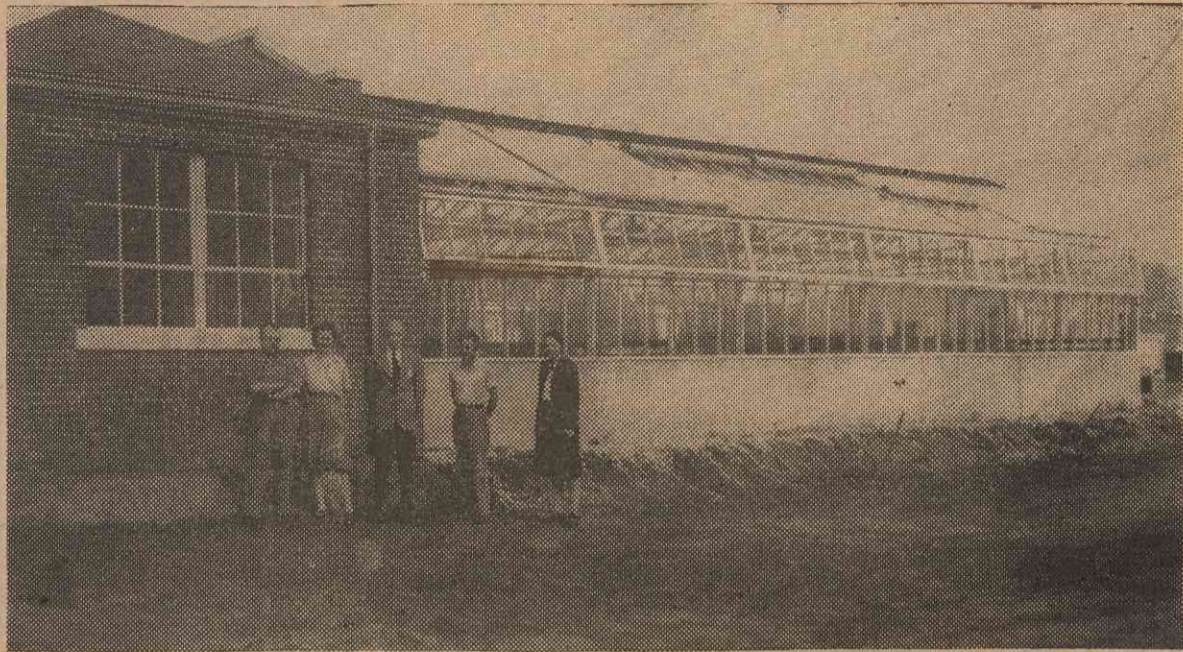
## Welcome Extended To New Employees In Shipping Dept.

Let's start off by giving all the new men in the Shipping Department a welcome hand. We have had quite a few of them. Roy Crowder, Herman Henphill, Austin Morgan and Otis Fowler are the newest additions.

We are glad to have Arthur Bower back with us again and we hope he never has to go to the hospital again.

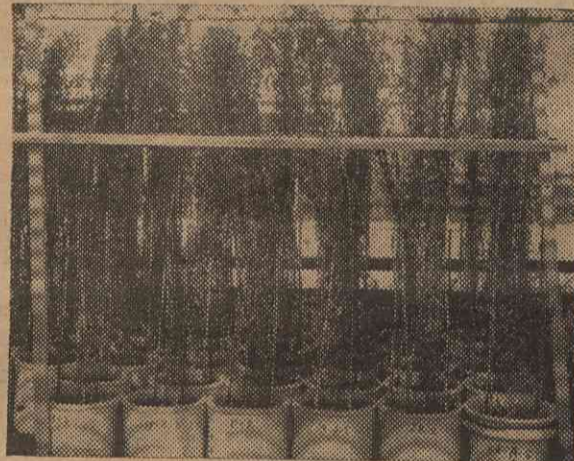
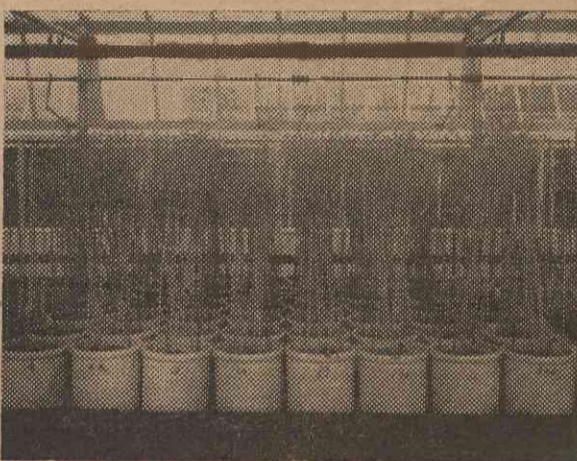
Albert Tucker must be doing a W. P. A. job on that proposed fence. All he has is the holes dug. Why did a certain fellow's face get red when "Endless Belt" was mentioned one day? Little did we think that "Bohauey" Trent would up and get married on us. Henry English had tried to give him some good advice, but it was too late; "Bo" had done done it. Now he's putting all his spare time into building a house. Lake Sega section must be growing with Walter Green's garage and "Bo's" new house.

## Our Greenhouse And Research Department Staff



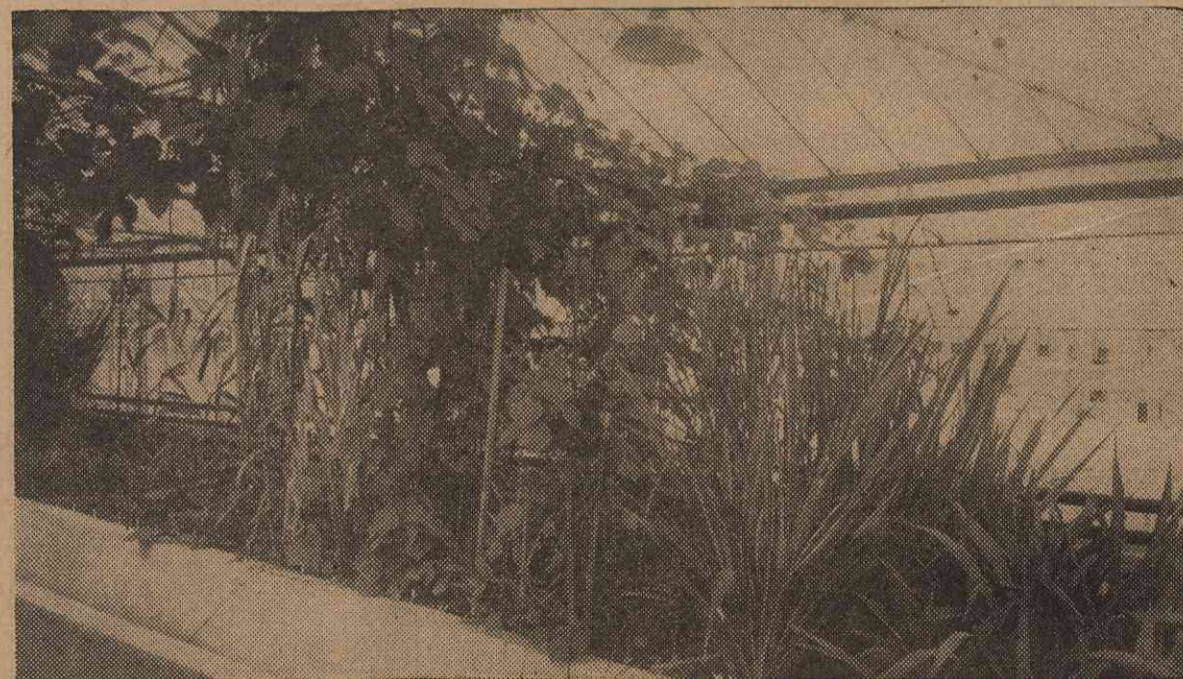
Shown above is a side view of our modern Greenhouse in which experiments are carried on by a research staff, studying the growth and development of flax. Many different varieties of plants are also studied.

## Here's Flax Growing Inside Of Our Greenhouse



Pictured above are two kinds of flax that are being raised in the Greenhouse now. On the left you will note that the seeds are more prominent than the flax straw, while the reverse is true of the picture on the right. A combination of the two would be ideal.

## Other Fibrous Plants Are Raised In The Greenhouse



Here you have a view of other plants which are also produced by the Research staff and studies of them are carried on continuously.

## REFINING ROOM'S SHIFT "B" DOINGS

Well, here it is summer again and most everyone is working in his victory garden or hunting a shade tree somewhere. Every victory garden at Ecusta is looking

fine except Bill Cauble's and he hasn't planted his yet. Someone said he was going to raise a crop of hay on it judging by the grass and weeds coming up so thick.

Cigars? Yep, plenty of them lately, the last to furnish cigars was Charlie Orr and Bill Cauble, both boys.

Well, our boys are still leaving for the military servie. We are loosing two from our shift this month.

We are sorry Wilson and Ecknerod have lost so much time and had so much expense due to illness, but we are happy to report all is well again.