

## Cotton Proves Value

## In Laminated Plastics

A recent study of the postwar competitive situation for cotton in domestic markets made by the department of agriculture shows the possible extent of the use of cotton in the manufacture of a typical laminated sheet. Sheets of one-inch thickness may consist of as many as 70 layers of eight-ounce duck or about 150 layers of four-ounce print cloth impregnated with resins.

During the war period, according to this study, cotton fabrics have been used extensively as filter or reinforcement in the manufacture of plastics requiring relatively high tensile strength, light weight, toughness, flexibility and moldability. About 50 per cent of the filter used for laminated plastics is cotton fabric. Laminated plastics were estimated to constitute approximately one-fourth of the total plastic production in 1943.

Cotton fabrics, untars as a source of cellulose, and even rags are already being used in considerable quantities for a number of plastic compounds. In 1943 approximately 50,000,000 pounds of cotton textiles, representing approximately 110,000 bales of raw cotton, were used in the production of plastic laminates alone.

## Let A Physician Check Your Children Before School Begins

By Courtesy of  
SMITH-BRADLEY DRUG CO.

Just before the beginning of the school term lies an important period of time. The child must have suitable clothing; they must be outfitted whether school is just around the corner or on a distant campus.

A physical checkup if even more important than shoes, sweaters, sturdy new outfits and books. Fitness is first on the list.

This takes far less time than a tour of the shopping district and will perhaps save time later, time that should be spent at studious tasks.

See the doctor before school-days open. Follow instructions exactly, especially orders for medication. Refer these to trusted druggists.

This is the utmost of a series of editorial advertisements appearing in this paper each week.  
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## Deadly Disease Destroys Elm Trees in Midwest

The deadly disease of elm, phloem necrosis, the USDA reports, is destroying elm shade trees in many cities and attacking native growths in the country in parts of the midwest. It has been known for many years but has attracted wide notice only in the last two or three years. The department's research administration says phloem necrosis is not related to the Dutch elm disease, carried by the elm bark beetle, but that it kills trees much more quickly and in the midwest is expected to be feared because the way it spreads has not been discovered. However, it is now known to be a virus disease.

The disease has gone as far west as Kansas, as far east as West Virginia, and as far south as Mississippi. In general, it has not spread north of the 40th parallel except in certain river valleys in which it is known to have advanced 15 to 20 miles north of that line. Peoria, on the Illinois river, is the farthest north known for the phloem disease. Specialists believe that it arrived in the region long before its first definitely known appearance in Ohio in 1918.

So far, the pathologists have found that the disease attacks the American elm and its varieties, the Morone, vase and holly-leaf, but the Siberian elm and the English elm are not known to be affected. When an elm has phloem necrosis the leaves turn yellow and drop. The tree may die within a few weeks or may live a year or more. No tree has ever been known to recover from it.

## Frozen Fish Best

## Eaten After Purchase

Fish of all kinds are very perishable and should be used almost immediately after purchase to insure best flavor and texture. It is a good idea for homemakers to learn what fish the local market receives its shipments of fish and to plan menus accordingly. Fresh fish should not be held for any length of time, either in the market or at home.

Fish usually may be purchased whole, drawn—that is, with the viscera removed but the head and tail left on—or dressed. Steaks from large fish, such as halibut and salmon, are found in many markets, and most familiar of all are the filets, which are the boneless side or lengthwise cuts frequently having skin on one side.

In this form fish are usually packaged and frozen at the source of supply. To insure best flavor and quality, they should still be frozen when purchased and should be used at once.

## Evergreens Require Plant Food for Good Health

Many gardeners seem to feel that evergreens require entirely different feeding methods than do other types of plants. This is a mistaken idea. Evergreens, like all other plants, require a complete, balanced plant food for maximum health and beauty. It is true, however, that they do not respond as large an amount of plant food as deciduous plants.

Feeding improves the color of ornamental evergreen trees. It reduces winter dieback. All varieties show a more intense color and the coloring is more uniform. Feeding is especially beneficial in giving Blue Spruce an excellent blue color.

If your plants are small, use two pounds of complete plant food for every hundred square feet of bed area, raking or hoeing it in thoroughly. If plants are medium size, from four to five feet tall, apply complete plant food at the rate of four pounds per hundred square feet of bed area. For single specimen trees, use one and one-half to two pounds of plant food per inch of diameter of the trunk (measurement taken about two feet from the surface) on ground. Mix plant food with an equal volume of loam soil and apply in holes eighteen inches deep, bored or punched in the soil at intervals around the tree, being sure not to place the twelve inches to the base of the tree.

## Sweet Potato Rich in Protective Food Value

The sweet potato is a gold mine in protective food values, extension nutritionists say. The sweet potato is in Group I of the Basic 7 foods. All the vegetables of this group are rich in vitamin A value. A large sweet potato will furnish an appreciable amount of the anti-scurvy vitamin C, when it is baked, or boiled, in the skin. Since vitamin C dissolves in the cooking water, the water should be drained from the cooked potato as soon as the potato is tender.

The ways of serving the sweet potato are unlimited. It is hard, however, to find a more appetizing food than a hot sweet potato served with butter. For variety, try a grated raw sweet potato pudding, sweetened with cane sirup. Sweet potatoes on the half shell dress up plain baked potatoes. Just split the baked potato, scoop out the center, mash and season and add raisins or pecans, or both. Put the potato mixture into the shells and brown in the oven.

## Breed Bulls for Fight

A bullfight starts long before the fight itself with the breeding of the bull and the training of the bullfighter or "torero." Much time is dedicated to the care and selection of the animal which must be fierce and brave and present certain physical characteristics such as fine hide, upright ears, long tail and small, fine horns. As for the torero he must have "first of all an overwhelming desire to succeed in this field, for the road to fame is one of the hardest and cruellest of any sport. Absolute fearlessness is the most important characteristic of the bullfighter just as it is of the bull. Agility is also indispensable and a knowledge which is gained through many years of close association with the bull. From small boys who grow up on stock farms generally spring the famous toreros, who have begun as children to practice with an old blanket. It is as common a sight as marbles in the United States to see small boys playing "toro on the streets in Mexico."

## Japan Mountainous

Japan is mountainous and not more than one-sixth is available for cultivation, but it is very productive. Rice, tea, tobacco, potatoes, barley and wheat are the principal crops, and in the southern part of Japan two crops are often reaped annually. The flora is rich and fruit is abundant, but for the most part of inferior quality. Oranges are grown in the sheltered valleys of Kiushu, also the sugar cane. Silkworms are cultivated to a large extent. Among the vegetable productions are the camphor tree, paper mulberry, vegetable wax tree and a lacquer tree which furnishes the celebrated lacquer of Japan. The tobacco plant, tea shrub, potato, rice, wheat and other cereals are all cultivated. Agriculture, upon which the Japanese base their great care, is their chief occupation.

## Offset Cold

Meals high in starches and sugars or in fats help offset the effect of cold weather on body temperature and on the coordination of nerves and muscles, it was found in experiments. Tests of the effects of diet at temperatures 20 degrees below zero were made with 12 volunteer human "guinea pigs." Eating three small meals at two-hour intervals during an eight-hour exposure to ice-cold instead of one large meal during the period was found to increase the benefit of the diet. The decrease in body temperature due to the cold was reduced by two-thirds. In other words, the men were only one-third as cold by actual measurement, with the best diet of three high-fat meals as compared to one high-protein meal. The difference was noted in both internal and surface body temperature.

## REPORT OF JOHN GRACE SCHOOL DISTRICT NO. 9 ANNUAL MEETING, JULY 9, 1945

The annual meeting of the John Grace School Board of Education was held in the school building Monday evening, July 9, 1945. The meeting was called to order by the president, Will J. Oliver, at 8:30 p.m.

Members of the Board present were Mr. Oliver, Ollie Kallman, Edwin Combs, Claude Haskin and Arthur Jayne.

The minutes of the last annual meeting were read by the secretary and approved.

The financial report was read by the treasurer, Joseph Doe made a motion to accept the report as read. This was supported by George Combs. Carried.

Under old business consolidation was discussed. Mr. Oliver gave a resume of what had occurred at the various meetings during the year.

"A motion was made by Edward Nowicki, supported by Stanley Kusza, that George Combs be appointed chairman of a committee to sponsor the collection of money through the district to help in support of consolidation. After our share of the expense of consolidation has been met the balance will be turned over to the John Grace School Parent Teacher Association. Carried.

Pearl Perry nominated Ollie Kallman. George Combs nominated Frank Gidley. Motion by Harvey Hydrom supported by Stanley Kusza nominations be closed. Carried.

Joseph Doe and Stanley Kusza were appointed tellers. Votes cast: 36. Mr. Kallman 20, Mr. Gidley 16. Mr. Kallman duly elected a trustee for three years.

Nominations open for second trustee. William Merrihew nominated Edwin Combs. Mrs. Emily Anderson nominated Frank Gidley. Joseph Doe moved nominations be closed. Supported by Lydia Lambert. Carried.

Votes cast: 36. Edwin Combs 23; Frank Gidley 8; Gladys Hydrom 4; George Combs 1. Edwin Combs duly elected a trustee for three years. Nominations open for third trustee. George Combs nominated Arthur Jayne. Motion by Frank Gidley supported by Stanley Kusza nominations be closed. Carried.

Votes cast 35. Mr. Jayne 33, Doris Brown 1; Blank 1. Mr. Jayne duly elected a trustee for three years.

A discussion on school lunches followed. A motion was made by George Combs supported by Lloyd Merrihew recommending to the School Board to consider Mrs. Margaret Stams as director in the school kitchen. Carried.

Motion by Mrs. Charpentier supported by George Combs school board salaries remain the same. Carried.

Motion made by Edwin Combs supported by Stanley Kusza to adjourn. Carried. Adjournment 11:30 p.m.

OLIE KALLMAN, Secretary.

## STATEMENT OF RECEIPTS AND DISBURSEMENTS GENERAL FUND

Cash Balance June 30th, 1944 \$ 513.69

Revenue Receipts \$5,102.02

Current tax collections 1,361.71

Delinquent tax collections 831.27

Scavenger Sales 84.76

Interest on Delinquent Taxes 441.00

Trailer lot tax 8,591.38

Primary money 11,179.31

State Aid 98.44

Other Revenue Receipts 40.05

Non-Renue Receipts 236.00

Sale of Work Books 339.16

Bus transportation reimbursement 42.55

Rec'd from kitchen fund wages paid 229.21

Total Cash Receipts including bal. June 30, 1944 \$29,243.35

GENERAL FUND — BUDGET EXPENDITURES

General Control \$ 375.00

Salaries Board of Education 13.52

Supplies Board of Education 40.00

Treasurer's Bond 2,920.00

Superintendent's Salary 89.90

Other Expense \$ 3,468.43

Instruction \$16,367.91

Teachers Salaries 343.27

Teaching Supplies 581.65

Books, Readers, Textbooks 110.23

School Library \$17,403.06

Auxiliary Activities 519.44

Upkeep of School Bus 38.11

Other expense 567.55

Operation of School Plant 2,276.16

Fuel, janitor supplies, electricity, etc. 1,729.23

Wages of janitors and other employees 4,005.29

Fixed Charges 186.17

Insurance 90.50

Maintenance 281.49

Buildings and Grounds 371.99

Miscellaneous expense 2,873.00

Capital Outlay 2,873.00

Property purchase 28,865.55

Total Budget Expenditures 377.77

Cash Balance June 30, 1945 \$29,243.35

Total Disbursements including balance \$29,243.35

## DEBT SERVICE FUNDS

Cash Balance June 30, 1945 \$ 2,478.61

Receipts \$5,519.60

Current Debt Tax 1,331.31

Delinquent Debt Tax 1,420.57

Scavenger Sales 57.94

Interest on delinquent tax 8,128.42

Non-Renue Receipts 56.76

Interest on 1944 Refunding Bonds 56.76

Total Receipts \$10,659.19

Expenditures \$2,129.41

Paid interest coupons on bonds 41.62

Other disbursements 2,571.03

Total disbursements \$ 2,571.03

Cash balance June 30, 1945 \$ 8,088.16

Total disbursements and balance \$10,659.19

By order of the State of Michigan Municipal Finance Commission, under the 1944 Refunding plan the three Debt Service Funds have been transferred into one Fund known as the "1944 Refunding Bond Account". Amounts in the various accounts at time of transfer in January 1945.

Certificate of indebtedness Fund \$1,121.43

Interest Fund 1,435.23

Old Bond Sinking Fund 55.22

KITCHEN ACCOUNT \$ 585.05

Balance June 30, 1944 \$ 2,331.39

Receipts \$2,331.39

Federal Milk Fund 5,634.86

Lunch Money 5,634.86

Total Cash Receipts including balance June 30, 1944 \$ 6,419.91

Disbursements \$1,509.65

Meats and Groceries 380.21

Fruits and Vegetables 1,351.60

Milk 233.12

Bread 31.00

Eggs 2,196.65

Wages 75.57

Miscellaneous \$5,788.13

Total Expenditures \$ 5,788.13

Cash Balance June 30, 1945 \$ 6,419.91

Total Disbursements including balance \$ 6,419.91

Outstanding Long Term Indebtedness as of June 30, 1945

Bonds dated September 1, 1944 \$73,000.00

Maturing September 1, 1946

Interest increasing progressively from 2½% to 4% \$3,399.45

Certificates of Indebtedness \$52,399.45

Total Outstanding \$128,798.90

## Capes Are Back

Capes are making a comeback, rivaling the short topcoat in popularity. Two versions along wearable classic lines are the black and white checked cape with black arrows and a tailored cape of navy wool.

## Sponge Drawer

One way to keep women's handkerchiefs and lingerie fragrant is to sponge bureau drawer with cologne. The scent will cling to the drawer for weeks if a good cologne is used.

## Separating Lettuce

To separate a head of lettuce, cut out the core of the head with a knife. Let water from the faucet flow into the head until the pressure of the water forces the leaves apart.

## Soap Jelly

Small bits of unused soap can be made into a soap jelly with boiling water. Use the jelly for hand washing of such things as stockings, gloves and lingerie.

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