

# TOMATOES

GUY A. CARDWELL

In late December I circulated a News Article entitled "THE MARGLOBE TOMATO - POPULAR MARKET VARIETY". In view of the fact that tomatoes are becoming a crop of importance throughout the Carolinas, for shipment green and for sale of the ripe tomatoes to canning factories, I am showing below cultural information recently prepared by representatives of Clemson College Extension Service for Orangeburg County, South Carolina, tomato growers.

**SOILS:** Select fertile, sandy loam soil that is well drained and containing abundant organic matter.

**VARIETIES:** (a) Marglobe, (b) Livingston Glove, and (c) Break O'Day are the leading adaptable varieties. The Marglobe is the most popular variety on account of its resistance to fusarium wilt as well as other desirable characteristics. Certified seed is recommended.

**EARLY PLANTING:** Plants should be transplanted into the field just as soon as all danger of killing frost has passed. Best yields and quality are obtained from early transplanted varieties. The use of cold frames are highly important in the growing of tomatoes. The seed should be planted in cold frames not later than Feb. 1. One pound of seed should be sufficient to plant a cold frame six feet wide and 75 feet long. With good stand and growth of plants, such a size cold frame should produce approximately 25,000 to 30,000 good stocky plants.

**GOOD PLANTS IMPORTANT:** Good plants capable of producing heavy yields, set in well prepared soil, should have the following characteristics:

"Dark green foliage and stem with reddish purple tints. Six to eight inches tall as it stands in the bed before being pulled.

A thick pliable stem, about the thickness of a lead pencil.

A short tap root with an abundance of fibrous roots.

Hardened, to better withstand the shock of transplanting.

Free from disease and insect injuries."

**SETTING THE PLANTS:** Since each plant needs about 12 to 16 square feet, it is advisable to set plants three by five or four by four feet. The plants should be set deeply, so that the first leaves are just above the ground. About 3,000 plants would be needed to set one acre.

**FERTILIZER:** Various fertilizer formulas have given good results,

but an 8-4-4 or an 8-4-6 should be satisfactory for most soils, when applied at the rate of 1,000 to 1,500 pounds per acre, depending upon the fertility of the soil. The fertilizer should be mixed thoroughly with the soil before transplanting, otherwise only one-half should be applied before transplanting and the remainder applied as a side application two to three weeks after transplanting. On light sandy soils an additional light application of a quickly available nitrogenous fertilizer, as nitrate of soda, may be advisable under some conditions.

**CULTIVATION:** Cultivation should be shallow for deep plowing destroys many roots and injures the plants.

**CONTROL OF INSECTS AND DISEASES:** Unless the troublesome insect pests and diseases of tomatoes are controlled in the plant beds and the fields, often low yields or crop failure result. Control information should be secured from county agents or from the Extension Service at Clemson College.

**LIME:** Tomatoes will grow satisfactorily on moderately acid soil but on soils strongly acid or on soils which have not been limed in the past five or six years, light application (500 to 1000 pounds per acre) of dolomitic limestone or basic slag should prove desirable. Basic slag adds iron, manganese and magnesium, and dolomitic limestone adds magnesium. Both would serve other useful purposes where needed.

THE

## Friendly Grill

In Wallace

Prepares Special Meals for you. The Kind You Love at Prices That Will Fit Your Pocket Book.

REGULAR DINNERS  
STEW BEEF AND RICE  
SPECIALS  
STEAKS OF ALL KINDS  
HOME COOKED HOT ROLLS  
Visit Us When in Wallace

FRIENDLY GRILL  
FEBOL BUILDING

## WHY NOT?

MAKE YOUR CROPS GIVE BETTER RETURNS?

## HOW?

BY using the recommended and tried method of putting out your Fertilizer and planting all in one operation, the BAND-WAY Method for better crops. IRON AGE BAND-WAY- Pea, Bean and Corn Planters, Cotton Planters, Tobacco Transplanters, and other equipment. WRITE FOR PRICES AND FURTHER INFORMATION.

Distributed and Sold by

**T. W. WOOD AND SONS**

Seedsmen

WILMINGTON,

NORTH CAROLINA

SEEDS

PLANT — WOOD'S TESTED SEEDS  
BETTER SEEDS — BETTER CROPS

## Attention FARMERS!

WE are increasing our regular pickling cucumber acreage by approximately 200 acres and have additional contracts to offer now.

CONTRACT prices are advanced more than 20 per cent over last year and we believe it will be to your advantage to contract with us. We offer you a fair price and take the entire yield from the contract acreage.

WE will receive your cucumbers at Beulaville, Delway and Faison. For details and prices paid, see

H. G. BEST, Warsaw

J. M. EZZELL, Delway

J. G. BOSTIC, Beulaville

Or call to see us at our plant in Faison

**CHAS. F. CATES AND SONS, INC.**

Mar 25

## Buy a NEW CHEVROLET

THE ONLY COMPLETE CAR—PRICED SO LOW



Get both—  
**85 HORSEPOWER**  
and  
**PEAK ECONOMY!**

You get all advantages—you sacrifice nothing—when you buy a new 1937 Chevrolet with New High-Compression Valve-in-Head Engine

NEW HIGH-COMPRESSION VALVE-IN-HEAD ENGINE

NEW ALL-SILENT, ALL-STEEL BODIES (With Solid Steel Turret Top and Unisat Construction)

NEW DIAMOND CROWN SPEEDLINE STYLING

IMPROVED GLIDING KNEE-ACTION RIDE\* (at no extra cost)

General Motors Installation Plan — monthly payments to suit your purse.

FOR ECONOMICAL TRANSPORTATION

CHEVROLET MOTOR DIVISION  
General Motors Sales Corporation  
DETROIT, MICHIGAN

PERFECTED HYDRAULIC BRAKES

(With Double-Articulated Brake Shoe Linkage)

SAFETY PLATE GLASS

ALL AROUND

(at no extra cost)

GENUINE FISHER NO DRAFT VENTILATION

SUPER-SAFE SHOCKPROOF STEERING\*

(at no extra cost)

\*Knee-Action and Shockproof Steering on Motor Driven models only.

**Jones Chevrolet Co.**  
Pink Hill, N. C.