

This field border was seeded to oats and fescue following land smoothing on Hugh Holt Stegall's farm near Warren Plains. The border conserves soil, furnishes an excellent area for tractors to turn on, and occupies land that is unsuited for row crops.

Soil Conservation News

Field Borders Have Long Been Problems To Farmers

BY NAT WHITE, Soil Conservationist

Field borders at the edge of cropland have long been a problem to Warren County farmers. Thousands of dollars worth of fertilizer, seed, and labor have been wasted planting crops that were never harvested from the eroded shaded area adjacent to the woodland. In some areas topsoil has been plowed to the borders blocking row drainage and causing drowning of crops and erosion of the land.

The Warren Soil Conservation District has recognized this problem and a special effort has been made to assist

farmers in correcting this condition. In land smoothing work the brush and weak trees are pushed back, the bank of topsoil moved back over the

eroded areas, and good row drainage is assured. The field border is then planted to Ky.31 fescue or Bermuda grass. with a high index. Unfortunately, permanent change through breeding and selection of cattle is slow compared to that for most other farm animals. A cow only produces one calf a year and a heifer should be at least two years old before she produces her first calf. This animal must be six or eight months old for proper evaluation. All this adds up to four or five years to produce a complete new generation of beef animals.

Beef

(Continued from page 1) the most highly heritable traits, a series of correction factors were developed that allows all animals to be compared on an equal basis. A formula was developed for combining the rate of gain and grade or calf into an index giving the same credit for each. Using this index a producer can cull those cows with a low index and save replacement heifers from the ones

eroded areas, and good row drainage is assured. The field border is then planted to Ky.31 fescue or Bermuda grass.

with a high index. Unfortunately, permanent change through breeding and selection of cattle is slow compared to that for most other farm animals. A cow only produces one calf a year and a heifer should be at least two years old before she produces her first calf. This animal must be six or eight months old for proper evaluation. All this adds up to four or five years to produce a complete new generation of beef animals.

Then too, any record system for improvement of any kind of animals requires careful study and sound decisions before improvement results.

Our producers are making progress and, with beef prices on the up-swing, improvement in production methods result in extra profit.

For example, a farm in Nash County with about 100 brood cows has increased the average 205-day weight of the calf crop from 416 pounds in 1960 to 469 in 1965. At the same time the grade of the calves moved up 1/3 of a grade.

A Piedmont producer with about the same number of cows increased his 205 day weight from 306 pounds in 1960 to an even 400 pounds in 1965, and increased the grade of his calves one full grade at the same time. A producer in the mountain area with a very small herd increased his average grade from low choice to high choice in the six-year period. This past year he wrote a letter of appreciation stating: "I doubt very seriously that we would be in the beef business today without the benefits of the N. C. Beef Improvement Program."

The program has also had benefits that were indirect in nature but which have made a contribution to increased quality in beef cattle. One of these benefits is the improvement in overall beef cattle management on the farms participating in the program as well as on some neighboring farms.

A good example of this is reflected in the number of non-producing cows that are sold the first year a farmer keeps accurate records. This in turn causes neighboring farmers to take an interest in the calving per cent of their own herds.

Another benefit to the beef industry in general has been the publishing of performance records of animals offered for sale in our purebred auction sales. In all bull sales in the state the animals are now graded before they are sold and last year for the first time half of the bulls sold had performance records for the buyers to study. Also last year for the first time in five years, the quality of calves sold in the feeder calf sales showed a slight increase.

Improvement by breeding is slow, but it is also permanent. The first six years of operation has seen a good start toward improvement of beef cattle and should lead to speculation as to where a beef improvement program could lead us.

A corresponding program with dairy cows has increased milk production 67 per cent per cow in the past 15 years. Since weaning weight in beef cattle is heritable to about the same extent that milk production is in dairy cows, it is logical to expect the average weaning weight of calves on the BCIP to increase in the coming years. This added weight will be reflected in more profit to the producers and more desirable beef cuts for the consumers.

Speeding

(Continued from page 1) can Lowry, \$10 and costs; James Wesley Daniel, costs; Charles Robert Waymouth, costs; Robert Marlow Clark, costs; Linda Faye Bragg, \$10 and costs; William Alea Dupree, Jr., costs. Also, Tommisene Charles Boone, \$10 and costs; Charles Edward Kinard, \$15 and costs; Frank Calvin Drew, costs; Frank Gardner Capps, costs; Wilson Bernard Hill, costs; Mary Elizabeth Patillo, \$10 and costs; Marvin Edward Jones, \$10 and costs; Jay Francis Stevison, costs; George Leonard Kyle, \$10 and costs; Johnny Lee Canup, costs; James Terrance O'Laughlin, costs; Cline Luther Hege, Jr., costs. Also, Bobby Ray Spivey, costs; George Harold Ball, costs; Frank David Lockman, Jr., costs; Floyd Ashley Pope, \$10 and costs; Andrew Jackson May, costs; Robert Paul Griffin, costs; Harold Miller Tuttle, costs; DeWayne William Evans, costs; William Donald McKee, costs; Grady Baxter McHone, costs; Mary Emily Whiting, costs.

The Physical Education plant at the University of North Carolina at Chapel Hill has a large gymnasium, a new Carmichael Auditorium which seats more than 8,500 for basketball, an indoor and outdoor pool, a baseball field with bleachers and a football stadium which will seat more than 40,000 spectators.



Smith-Douglass officials and Warren Cotton and Fertilizer Company official shown at the banquet at the Armory Wednesday night are, left to right: Cliff Barnes, Clyde Rodwell, Thomas Gaskill, Willie Grant, and Bruce Boyette.

Farmers Attend Fertilizer Meeting

Approximately 125 Warren farmers were given a program for higher tobacco yields, a plug for one company's fertilizer and a plate of barbecue, fried chicken and Brunswick stew here Wednesday night. The occasion was a dinner staged at the Warrenton Armory by Smith-Douglass Company and the Warren Cotton & Fertilizer Co., to acquaint farmers with the companies' products and to give farmers tips on improving this year's crop.

Clyde Rodwell of Warren Cotton & Fertilizer Co., served as master of ceremonies and Cliff Barnes of the Norfolk branch of Smith-Douglass addressed farmers and showed films concerning trace elements in fertilizer and which demonstrated better to-

bacco production practices. Also appearing on the program were S-D representatives Bill Boyette and Willie Grant of Wilson. Boyette spoke on pesticides and Grant con-

ducted a drawing for 10 bags of fertilizer won by 10 farmers attending the event.

Say you saw it advertised in The Warren Record.

Cards Of Thanks

Copy for cards of thanks must be in this office by Tuesday night, earlier if possible, accompanied by \$1.00 to cover cost of insertion.

We wish to express our sincere thanks and appreciation to all of our friends, both white and colored, for the many acts of kindness such as telegrams, cards, flowers and many others, during the illness and death of our husband and daddy. May God bless each of you. Wife-Laura E. Plummer and children.

The honor system has been in operation at the University of North Carolina at Chapel Hill since 1875.

Say you saw it advertised in The Warren Record.

FIRST NATIONAL BANK IN HENDERSON

"BANKING - - - TRUSTS"

Member Of The F. D. I. C.

2 DAYS FLOOR SAMPLE SALE

TRAYLOR APPLIANCES, INC. - WARRENTON

Hotpoint WASHER



\$159.00

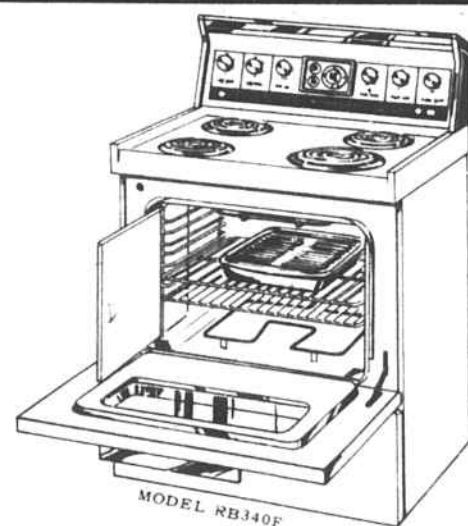
MATCHING DRYER . . . \$124.00

OTHER MODELS AS LOW AS \$99.00

QUICK CLEAN

Hotpoint Range

with Teflon\*-coated oven wall panels



\$219.00

Your family will be pleased with meals from this 30-inch Hotpoint range. It has removable, easy-clean Teflon oven wall panels, infinite heat rotary controls, oven timer, automatic oven temperature control and hi-speed surface units.

HOTPOINT CHEST FREEZER

MODEL FH314

Deluxe 14-cu. ft. Hotpoint chest freezer has 515-lb. capacity; gliding top basket simplifies storage and food removal; 6-position adjustable temperature control; built-in lid lock; defrost water drain.

FREE DELIVERY - NO TRADE REQUIRED FREE SERVICE - PRICES NET

TRAYLOR APPLIANCES, INC.

TEL. 257-3189

WARRENTON



\$189.00

MODEL 14F

YOU WHO WANT THE ELEGANCE OF THE NEW CAPRICE, YOU WHO WANT THE SMOOTHNESS OF A NEW IMPALA, YOU WHO WANT THE PERFORMANCE OF A NEW CHEVELLE, YOU WHO WANT THE UNIQUENESS OF A NEW CORVAIR, AND YOU WHO WANT THE THRIFTINESS OF A NEW CHEVY II... COME ON IN NOW!

CHEVROLET



Now's the time to get just the buy you want on just the car you want. Your Chevrolet dealer is celebrating Double Dividend Days—No. 1 Buys on America's No. 1 Cars!

Availability and variety have never been greater! Pick your model, pick your color, pick your custom touches and power. Get your No. 1 Buy now—at your Chevrolet dealer's. Hurry!

DOUBLE DIVIDEND DAYS! NOW AT YOUR CHEVROLET DEALER'S

Always use that outside mirror before passing! It's one of eight standard safety features you'll now find on every Chevrolet.

All kinds of cars, all in one place... at your Chevrolet dealer's: Chevrolet - Chevelle - Chevy II - Corvair - Corvette



BRYSON CHEVROLET, INC.

E. Mason St.

WARRENTON, N. C. 27589

Phone: 257-3268

MANUFACTURER'S LICENSE #110