

REPORT GIVEN ON FERTILIZER EXPERIMENTS OF GIBBS' FARM

Federal Biochemist Made Tests Over 3-Yr. Period

Ammoniated triple superphosphate potassium chloride, ammonium sulphate and urea, with an acidity equivalent of 750 pounds of calcium carbonate per ton neutralized with dolomitic limestone produced an average of 171 bushels of Irish potatoes per acre over a three year period on the Tom Gibbs farm, according to a report furnished the County Farm agent here by J. J. Skinner, senior biochemist of the soil fertility investigations division of the U. S. Department of Agriculture. This is the greatest quantity of bushels produced following the use of a series of fertilizer used in the test over a three year period. On soil in which no fertilizer at all was used over a three year period only 94 bushels per acre was realized.

Ten different compositions of fertilizer was used in the experiments by Mr. Skinner on the Tom Gibbs farm during 1935, 1936 and 1937. The fertilizer analysis number, composition and the average yield of potatoes per acre follows:

(7-6-5) Superphosphate, ammonium sulphate (87% N) cottonseed meal (12.5% N) potassium sulphate, acidity equivalent 680 pounds caco per ton—122 bushels.

(7-6-5) Same as above composition with calcium limestone produced 133 bushels per acre.

(7-6-5) Same as first composition but neutralized with calcium limestone and with magnesium sulphate added, produced 146 bushels per acre.

(7-6-5) Same composition as first but neutralized with dolomitic limestone produced 144 bushels per acre.

(7-6-5) Superphosphate, ammonium sulphate (87% N) urea (12.5%) potassium sulphate; neutralized with dolomitic limestone, produced 149 bushels per acre.

14-12-10 Amo-phos, ammonium sulphate (2-3 or remainder of N), urea (1-3 of N), potassium sulphate; acidity equivalent 707 pounds Co-CO3 per ton, a fertilizer containing no calcium of magnesium produced 128 bushels per acre.

(14-12-10) Same as foregoing composition but neutralized with dolomitic limestone produced 156 bushels.

(14-12-10) Same as above composition but with calcium sulphate added equivalent to calcium produced 151 bushels per acre.

(14-12-10) Ammoniated triple superphosphate, potassium chloride, ammonium sulphate and Urea, with acidity equivalent 780 pounds calcium carbonate per ton produced only 126 bushels per acre, but this same composition neutralized with dolomitic limestone produced the top yield of the experiments of 171 bushels per acre.

In a letter to the county agent relative to the experiments on the Tom Gibbs Farms, Mr. Skinner wrote: "You will note that fertilizer which contained limestone have given larger yields than acid forming fertilizers. It is also of interest to note that double strength fertilizers, No. 6-10, have given as large or larger yields than the single strength fertilizers, No. 1-5."

Press Gleanings

FISH IS NOT FISH

"Fish is fish," says Frank Dunlap, State highway chairman, of the big hauls pulled in by convicts which are being used in feeding the inmates of State institutions.

Mr. Dunlap is wrong. Entirely wrong. Pigs may be pigs, but to say that "fish is fish" is to confound the pompano with the croaker, and the flounder with the eel.

But Mr. Dunlap's statement is not unfamiliar in North Carolina. Too many other inland citizens have taken the sad and ignorant position that fish is fish. The State's fisheris have suffered from this indiscriminate lumping together of the best and the worst Old Ocean provides.

That may be the reason so many North Carolinians fling all fish into the frying pan. And, indeed, the flavor having been fried out of them all, it is no wonder that thousands of eaters, who ought to be making markets of themselves for our fishermen, believe that "fish is fish" and eat none.

Something ought to be done about the sad case of Mr. Dunlap. The State Board of Conservation and Development, the North Carolina Fisheries, Inc., or the independent fishermen, or all of them together, ought

D. W. MORTON

NOTARY PUBLIC
Fire and Casualty Insurance

B. A. BELL

Your Jeweler for 25 Years
Repair work efficiently and Promptly Done
NEXT DOOR POSTOFFICE
Support The Chamber of Commerce

to find a cook that is a cook and a fish that is a fish and begin his education for the greater glory of North Carolina and the greater development of the State's fishing industry.

P. S.—And when Mr. Dunlap sits at the head of the able as student, the editor would like to be somewhere near the bottom as simple eater, untutored and uninterrupted. —(News and Observer).

SUBSCRIBE TO THE NEWS
\$1.50 A YEAR

O. H. Johnson, M. D.

SPECIALIST
Eye, Ear, Nose and Throat
GLASSES FITTED

Office Hours:
Morehead City — 9 to 12 A. M.
Beaufort — 2 to 5 P. M.

Dr. L. W. Moore

GENERAL PRACTICE

Office Potter's Emergency Hospital

OFFICE HOURS:

9-12 a. m.—2 to 4 p. m.

and by appointment

Phone: Office 443-1 Res.370-1

Ambulance Service

Day or Night

BELL & JAMES

FUNERAL HOME

7th & Bridges Sts

Phone M 448-1

MOREHEAD CITY, N. C.

4tm18

JAMES DAVIS

NOTARY PUBLIC

At First-Citizens Bank

BEAUFORT, N. C.

F. R. Seeley

RESIDENTIAL CONTRACTOR

Residence 301-1

Attend Carteret County Fair
Week of Oct. 11 - 16
BEAUFORT, N. C.

Complete Banking Service

TIME TRIED TESTED

SAFETY DEPOSIT BOXES FOR RENT

\$2.00 and Up

COMMERCIAL — SAVINGS — TRUSTS

Attend Carteret County Fair
Week of Oct. 11 - 16

Member Federal Deposit
Insurance Corporation

First-Citizens Bank and
Trust Company

BEAUFORT

NORTH CAROLINA

Calvin Jones
NOTARY PUBLIC
Located At
Loftin Motor Company

A good Menu
For Sunday Nite
Supper—

A Cold Winter
evening

Cup of good Hot
Coffee

Plenty Butter

Lots of
Betts Better Hot
Rolls

And They are Really
Hot at—

5:00 P. M.

Each Sunday
MAKE IT A HABIT

Betts Bakery

BEAUFORT

PLAN NOW TO ATTEND THE

CARTERET COUNTY FAIR

—Sponsored by—

CARTERET POST 99 AMERICAN LEGION

6 Big Days 6 Big Nights

October 11 through October 16

AGRICULTURE, HORTICULTURE, POULTRY,
HOME AND SEAFOOD EXHIBITS

AND ON THE MIDWAY

O. C. BUCK EXPOSITIONS

10 RIDES 10 SHOWS

AND OTHER ENTERTAINMENTS

TWO BIG FREE ACTS DAILY

\$20 Cash Prize Each Day

\$50 Cash Prize Saturday

Free Fireworks Every Night

FREE BICYCLES—on White School Children Day
TUESDAY, OCTOBER 12

FREE CASH PRIZES—on Colored Children Day
WEDNESDAY, OCTOBER 13

(Children Admitted to Fairgrounds Free on Designated School Days)

FAIR GROUNDS

BEAUFORT HIGH SCHOOL ATHLETIC FIELD

ADMISSION ADULTS 25c CHILDREN 10c