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Practically every community had one—the man with a "green thumb."

He could make 'most any kind of plant thrive anywhere.

"Making things grow just comes naturally for John," folks agreed. Some said, "He plants in the light of the moon," while others maintained that he performed this task in the dark of the moon.

But what most of them overlooked was that "John" simply had the knack for getting things done at the right time—in the right way.

Nowadays, the "green thumb" comes naturally to farmers who have outfitted their farms with modern equipment... their crops get off to a fast start and produce bumper yields, because now they, too, can get their work done at the right time—in the right way!

Today, hundreds of thousands of John Deere equipment owners all over the country enjoy the benefits of farming with modern machinery. They do more work easier... better... faster than ever before. Production costs are lower... profits are greater. Most important, granaries, cribs, haymows, and storhouses across the nation are bulging at harvest time. Truly, this is work of the "green thumb" at its best!

JOHN DEERE
MOLINE • ILLINOIS
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HAINES CITY, FLORIDA

Sales Agent: ASHCRAFT-WILKINSON CO., ATLANTA, GA.
Here they are — the popular WD Tractor and its close-coupled three-bottom plow — and the new CA Tractor stepping out with its companion two-bottom plow.

In keeping with Allis-Chalmers policy, our power rating of these tractors is conservative. In extreme conditions, no, but in average soils, yes, they will handle these plow loads.

Both tractors are equipped with Hydraulic Traction Booster that makes possible more actual drawbar pull. Automatically the Booster increases weight on drive wheels to match the load.

Both have Power Shift Wheel Spacing that instantly adjusts rear wheel width by engine power.

Both have Two-Clutch Power Control (standard on WD, optional on CA). An auxiliary hand clutch halts forward travel without interrupting the power flow to power take-off machines.

In addition, both tractors are distinguished by many other advanced engineering and operating features. And to further their usefulness on all types of farms, there is a wide range of specially designed implements — mounted, semi-mounted and trailed-types — in many sizes and combinations.

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The NATIONAL FARM and HOME HOUR
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Main Plant and General Offices: Indianapolis, Indiana
Today's farm is not fully modern unless its tractor and field machinery are equipped with hydraulic controls. Everyone associated with agriculture naturally wants a clear understanding of them—both "what" and "why." Every ag student and instructor who sees this movie will find it a profitable 15 minutes. An illustrated 16-page take-home booklet clinches what the film teaches, and is a valuable addition to personal reference files. Ask your instructor, department head, or club officer to schedule this interesting, fact-packed film.

WHAT THEY DO

By action scenes with a dozen or more implements and machines, "Hydraulic Controls" teaches solid lessons in conservation farming, in saving labor, time, and other farming costs. Disk harrows are angled and de-angled on-the-go, sparing grass in waterways and on headlands. Both mounted and pull-behind implements are given attention. Function of the portable hydraulic cylinder is demonstrated, as is the interchangeability of ASAE standard cylinders.

HOW THEY WORK

Animated mechanical drawings show valves as they open and close; the pump pumps and oil flows; the hydraulic piston moves in or out at the will of the driver. Clear pictures and plain language make the workings of hydraulic controls easy to understand, hard to forget. The companion booklet of the same title can be studied at home and in class.

Case Visual Education Materials

Sound-slide films, 16-mm. movies in sound and color, booklets, wall charts and posters—all offered at no charge. Useful in teaching soil and water conservation and the best in modern farm methods. Send for free booklet "Case Visual Education Materials." It lists and describes each, tells how to order. A real help to instructors and club officers in planning teaching or program schedules. Address nearest branch or Racine office.

Case

Films are loaned and booklets provided without charge to agricultural colleges and appropriate groups—extension workers, county agents, vocational agriculture teachers, student clubs. College instructors and student groups are invited to schedule this movie through their nearest Case dealer or branch, or to write to Educational Division, J. I. Case Co., Racine, Wis.
UN FLAG AT CLEMSON

During United Nations week Christie Benet, former chairman of the board of trustees presented the UN flag to President Poole. This emblem now flies under the Stars and Stripes on the college flagpole as a reminder that many Clemson men are fighting in Korea. In the background are members of the board and officials of the college administration.

FROM BOMBERS TO BOLL WEEVILS:

L. M. Sparks, Jr., Class of '41 . . . . Immediately upon his separation, after 3½ years in the Service, "Mac" returned to Clemson in January of 1947. At the time of his separation from the Air Force he was a B-29 pilot. He joined the Clemson Extension Service as an Entomologist and now has the title of Extension Specialist, Cotton Insects and Diseases . . . .

"THE CHEESE STORY"

Clemson College now owns the historic Stump House Mountain, the widely-known experiment house for the manufacture of Roquefort blue-mold cheese. As a result of Clemson’s bid of $1,201 at a public auction at Walhalla, South Carolina, Clemson Agricultural College became sole owner of the tunnel, the former “dream project” of transportation.

The old, unfinished railroad line, located between Walhalla and Mountain Rest, has a very interesting history including various murders, money disputes, etc. But, in spite of the once thought “wasted effort” in building a train passageway, old Stump House Mountain has become an important laboratory in the new South Carolina industry of cheese making. —Joe O’Cain

PLANS SHAPING UP FOR FARMERS’ WEEK

The annual South Carolina Farmers’ Week, which attracted thousands of people from all sections of this state last year, will be staged at Clemson during the week of August 13-17 according to Dr. R. F. Poole, president of Clemson.

Acting again as the general chairman of the Farmers’ Week Committee will be Thos. W. Morgan, assistant director of the Clemson Extension Service. Mr. Morgan will have the responsibility of getting various committees who will make plans for the affair. Activities planned for the week will include the presentations of the latest information on all phases of agriculture. The general pattern for the week’s program will likely follow the one used during the past three summers.

Featured on the week’s program will be outstanding speakers, lectures, interesting music and other entertainment. New and improved machinery will be displayed to create interest to visitors at Farmers’ Week.

Housing and meals will be available for farm families during this week who live at some distance from Clemson. —Joe O’Cain

THE AGRARIAN
GRADUATE SCHOOL UNDERWAY

The Clemson Agricultural College entomology and zoology departments have "thrown their two cents worth" into the surge of improvements which have given the campus a "new look." These departments have opened a graduate school which offers courses leading to a master of science degree in entomology and zoology. This new addition to Clemson's curricula will give the scholastic phase of the college a face lifting to match some of the renovations which have been made on the campus.

The creation of a graduate school for the departments of the School of Agriculture was approved by the graduate committee and college and was opened in the fall of 1950. The School of Agriculture can now offer Clemson graduates and also graduates from other institutions the opportunity to pursue a master of science degree in zoology or entomology here at Clemson.

Under the present assistantship plan a maximum of three students will be enrolled in the program. As the school expands or as more assistantships are made available by the college or by business firms, the program will be enlarged to accommodate more students. This year the department has only one student in the graduate school, Mr. James Boykin. Mr. Boykin who is majoring in zoology, is at present a laboratory instructor. Competition for admittance to the graduate school is expected to be very keen in the next four years due to the limited number of positions available.

There are twelve graduate courses being offered in the entomology department and six are offered for specialization in zoology. The entomology curriculum is composed of two courses in economic entomology, insect morphology, research techniques and methods, insect taxonomy, parasitology, advanced morphology advanced systematic entomology, medical entomology, insect toxicology, insect physiology, and research. The subjects offered by the Zoology Department are; advanced Zoology, Vertebrate Zoology, Animal Physiology, Histological Techniques, Economic Zoology, and Research.

The graduate school will make it possible for Clemson to turn out more men with a higher education; and the more of this kind of work the college can do, the higher its prestige will rise and be recognized in the world.

—R. M. North, V.A.E. 1954

PRICES TOO MUCH OF A PROBLEM

The ever-changing situation of prices is even too much of a problem for the Clemson Economic Department to give an explanation! In a very attractive graph located in Long Hall, which was "fixed up" by the economic group, a big red question mark adorns the 1950-1990 section of this scaled chart.

Several new bulletins now available in the library's bulletin room will be of interest to many. Mr. W. B. Albert of the Experiment Station has put out an interesting bulletin on "Chemical Weed Control In Corn and Cotton." Other bulletins include "Cotton Production; Insect and Disease Control in S. C., 1951." A report of the 1950 cotton contest is also to be found in this bulletin. Also among other especially interesting bulletins is "Turkey Production Equipment" which is prepared by poultry extension workers and extension turkey specialists.

AG GRADUATES APPOINTED TO POSITIONS

Two 1951 graduates of Clemson College have already been appointed to important agricultural positions. Mr. Marrett Outz has been appointed assistant county agent of Anderson County; and Chas. G. Newton, Jr., has been appointed assistant county agent of Darlington County.
THE MARK OF
QUALITY -•- DEPENDABILITY •- SERVICE
FOR OVER 25 YEARS

Insecticides - Fungicides - Wood Preservatives
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MARCH 1951
Look Ahead to Healthy Crops

WITH THESE FREE BOOKS ON INSECT CONTROL...

Healthy fields mean profitable yields! One good way to get the most out of seed and labor is through a sound program of insect control with toxaphene insecticides. Approved by the U.S.D.A. for grasshoppers, and by leading cotton-growing states for the control of all important cotton pests, low-cost toxaphene dusts and sprays are also being used effectively against an increasing variety of insects that attack other crops. This collection of books on insect control includes detailed recommendations on specific insects and a summary of latest federal or state recommendations. Write today for your free copies.

HERCULES POWDER COMPANY
911 King Street, Wilmington, Delaware

MAKERS OF TECHNICAL TOXAPHENE FOR AGRICULTURAL INSECTICIDES
POTATOES—POTATOES

The editor of a small-town New England newspaper was having trouble in raising the circulation of his publication and at last hit upon a scheme. He started a contest by giving a year's subscription for the largest potato raised in his county.

Several weeks later a friend said: "Ben, did you boost your circulation any by that potato contest you're running?"

"Well, I don't know," grinned the editor in reply, "but I'm all set for the winter."

"What do you mean?" asked the puzzled friend.

"Well, I don't have to worry about potatoes," answered the editor. "Down in my basement I've got fifteen barrels of samples.*

GREEN THUMB

The city man had purchased a home in a small community. One day as he browsed about his yard, he found the bodies of two baby birds that had fallen from a nest. He proceeded to bury them in the garden under the critical gaze of his neighbor's five-year-old son. When he had finished, the youngster looked at him strangely.

"What a dopey thing to do!" the boy said scornfully. "They won't grow."

"FOUL WARNING"

'Tis most too late, my turkey friend, To gobble, gobble in your pen, For the old wooden block is waiting Outside your prison den.

EVENTUALLY

I always listen to advice, I'm quite sure that I need it, And some day—if I live that long, I'm certain that I'll heed it!

TO MY LATE WIFE

These be your words
As you enter Perdition,
"Perhaps it would start
If you'd turn the ignition."

BRIDE

He swung her lightly o'er the sill.
Now she housekeeps with a will.
And he's the god to whom she brings
Thrice daily her burnt offerings.

WESTERN ETIQUETTE

A man traveling in the heart of Texas found himself in conversation with a Texas cowboy. The Texan confessed that he was 87 years old, whereupon the traveler said:

'Tell me, to what do you attribute your remarkable longevity?"

The Texan thought for a moment and then spoke gravely.

"Well," he replied, "I never stole a horse and I never called a man a liar to his face."

IDEA FOR TAX DEDUCTIONS

A budget is a record of how you spent your money.

CONNXOR
ELECTRIC
CALF
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Clemson
Dairy
Department

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by

PROGRESSIVE MACHINE WORKS -- ANDERSON, S.C.

MARCH 1951
It's a dollar and sense wedding. What do you mean? He hasn't a dollar, and she hasn't any sense.

Smith: I went to a hotel for a change and rest. Jones: Did you get it? Smith: The bellboy got the change, and the hotel got the rest.

Tommy: That mouth organ you gave me for my birthday is the best present I ever got. 
Fond Aunt: I'm glad you like it. Tommy: Oh yes, mother gives me a quarter a week not to play it.

All the world loves a lover until he complicates the parking problem.

Teacher, conducting a grammar lesson, had written a sentence on the blackboard: "I ain't had no fun this summer."

"What should I do to correct this?" she asked.

Precocious Junior: "Get yourself a boy friend!"

He: I've never said anything that I would regret later.
She: Has it paid?
He: Yes, I'm still a bachelor.

An economist is someone who plans what to do with someone else's money.

Lillie: So Helen gave her boy friend the sack.
Rose: Yes, but she kept the presents that came in it.

Husband: What became of the bill Dunn & Co., sent us?
Wife: Oh, I sent it back marked "Insufficient Funds."

Draft Director Hershey: A boy becomes an adult three years before his parents think he does—and about two years after he thinks he does.

It's always the fresh egg that gets slapped in the pan.

It takes two to make a marriage. A single girl and a nervous mother.

'Tis Thanksgiving Time again, you know... It comes but once a year! I know that your "beheading" will be awfully hard to bear.

So when that last great moment comes—
Oh, do not sorrow yet—
For your drumstick will bring much joy To any Clemson cadet.

Simpson (on the phone)—Say, I got a leak in my basement!
Plumber — Well, go ahead; it's your basement!

While looking around, 
Miss Betty Bound. 
Found her Ma's corset in the garret. 
She tried it for fit, 
Then she said great wit, 
"I don't have the guts to wear it!"

Nine-year-old Edna was just crazy about school, while her younger brother was considerably less enthusiastic. One day the little girl suggested that they play school. The lad absolutely refused to cooperate. However, when Edna threatened to tell their mother, the boy weakened a bit.

"Well, all right," he agreed grudgingly, "but let's play I'm absent."

THE AGRARIAN

Armour Quiz ... Test your knowledge!

See if you can answer these 4 questions about the meat-packing industry.

Questions

1. How many cuts and kinds of beef do meat packers get from a single steer?
   □ 25 □ 45 □ 75

2. How much of the average beef steer "on the hoof" is meat?
   □ 45% □ 55% □ 63%

3. How much profit did Armour and Company make on each pound of meat sold in the 1950 fiscal year?
   □ 17¢ □ 17¢ □ 0.17¢

4. How many meat packers are there in the United States?
   □ 40 □ 400 □ 4,000

Answers

1. Depending on weight and grade, Armour and Company gets as many as 75 different cuts and kinds of beef from a single carcass.
2. The average beef steer has a dressing percentage of about 55%.
3. In 1950, Armour and Company made 0.17 of one cent on each pound of meat sold.
4. Armour and Company is one of 4,000 meat packing companies in the United States.
How tropical fibers become top-notch IH twine

A report to you about men and machines that help maintain International Harvester leadership

Only 30 henequen leaves in 1,000 will do for IH twine.
To maintain such high standards, International Harvester operates its own plantation. Here's a native worker harvesting choice, mature leaves from which henequen fiber for twine is extracted. After drying and bleaching, our factories transform it into famous IH twine.

Sliver test double-checks bale twine after henequen fiber from Cuba and hemp from the Philippines have been scientifically blended. An IH inspector is shown weighing a sample of blended fibers before spinning. This is to make sure it will produce high quality twine that meets exacting IH standards for length, weight and strength.

Twine must pass the break test before it can wear the IH trade mark. Quality-minded inspectors multiply normal field strains many times with tensile strength testers—record the pull twine withstands before breaking. They also check uniformity and evenness of strand attained by combing the blended fibers eight times.

Workers autograph each ball of twine. Balls of IH twine look like peas in a pod, but each one carries the name of a balling machine operator. This is one of many inspection checks and countless safeguards that protect the quality of IH twine from plantation to packaged product.

INTERNATIONAL HARVESTER

International Harvester Builds McCormick Farm Equipment and Farmall Tractors...°
Motor Trucks... Crawler Tractors and Power Units... Refrigerators and Freezers...
FOR once in his life, our fervent friend admits that eagerness can be over-done! He's alluding, of course, to all these quick-trick cigarette tests—the ones that ask you to decide on cigarette mildness after just one puff, one sniff, one inhale or one exhale! When the chips are down, he realizes cigarette mildness can't be judged in a hurry. That's why he made...

The sensible test...the 30-Day Camel Mildness Test which asks you to try Camels as your steady smoke—on a pack after pack, day after day basis. No snap judgments needed. After you've enjoyed Camels—and only Camels—for 30 days in your "T-Zone" (T for Throat, T for Taste), we believe you'll know why...

More People Smoke Camels
than any other cigarette!