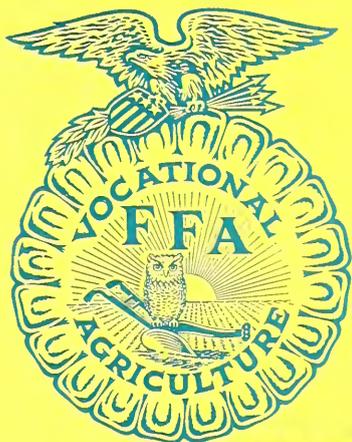


The National Future Farmer

Owned and Published by the Future Farmers of America



Dedicated to further the ideals and purposes of the Future Farmers of America, and symbolic of their faith in the future of agriculture. The National FFA Building, formally dedicated on July 24, is located on a part of George Washington's old farm near Mount Vernon. The colonial styled structure provides a permanent home and modern facilities for *The National FUTURE FARMER* Magazine and the Future Farmers Supply Service.

August-September
1959



SAVE PLENTY!

...every hour you use it!



NEW!

FORD 2-3 PLOW DIESEL TRACTORS

Cut your tractor expense to the bone! Now you can plow for approximately *half* the fuel cost of your gasoline tractor—reduce your tractor fuel bills up to 50% and even more on all kinds of farm work.

Best of all, new Ford 2-3 plow diesel tractors are in the same price range* as comparable gasoline tractors of other makes! So no longer must you pay a big premium to enjoy all the advantages of diesel power. Other advantages include low

upkeep, few overhauls, extra lugging power.

So see them at your nearby Ford tractor dealer's. Your choice of *three* sizes of Ford-built diesel tractors to choose from—all best buys in their power class. Easy terms, too.

*Based on F.O.B. factory suggested list prices of other make tractors, as published when this advertisement was prepared.

YOU GET A LOT MORE FOR
A LOT LESS FROM

FORD

*Like finding
extra dollars
in
your fields!*



Four of the five Busch brothers of Ellensburg, Washington—(left to right) Sam, George, John, and Chris.

Farmers you look to as leaders look to Firestone for farm tires

Where glistening irrigation ditches wet the thirsty floor of the Kittitas Valley, farmers raise the firm-fleshed potatoes that make this part of Washington famous. The five Busch brothers are among the biggest potato growers in the area and, season after season, rich harvests from their farms meet the demand for top-grade shipping potatoes.

Their 800 acres are a model of up-to-date farming methods. Carefully cultivated potato fields back up to rolling haylands, and top grade livestock roam the pastures. The Busches pride themselves on running a first-rate operation, and their high annual yield proves how well they succeed.

Firestone tires play an important part in their plans. As John Busch says: "Firestones wear like iron. Our soil is mean on tires, and Firestones can take more abuse and give longer wear than any tires we've used. We're Firestone 100 per cent."

Builder of the first practical pneumatic tire

Firestone

BETTER RUBBER FROM START TO FINISH

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SAVE AND BE SURE
with Firestone tires on all your wheels!

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Future Farmer

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Vol. 7, No. 6

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OUR COVER—

The architect's drawing of the New FFA Building. Dedicated this month in official ceremonies, it houses *The National FUTURE FARMER* and the Future Farmers Supply Service. See related stories on pages 16, 22, 23.

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CHANGE OF ADDRESS: Send both old and new addresses to Editorial Offices, THE NATIONAL FUTURE FARMER, Box 29, Alexandria, Virginia.



Just \$33 a month puts a New Holland Model 33 Crop-Chopper to work on your farm, after a small down payment or trade. Ask your New Holland dealer about this new finance plan.

A machine for youth!

It's a wonder at getting a better chopped crop



READY TO SHRED IN A MINUTE. Just flip open the auger housing door and you're ready to shred corn and cotton stalks, orchard prunings, grain stubble . . . just a few of the many work-speeding uses you'll find for the versatile "33" Crop-Chopper!

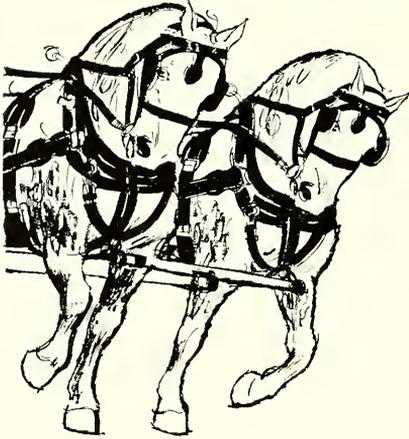
Feel it. Smell it. Fresh, fragrant, nutrient-rich sorghum silage. Clean-cut by a New Holland Crop-Chopper. Valuable feed, ready for the silo.

Young farmers and farmers-to-be are learning that they get all their crops with the fast, amazingly versatile Model 33. Exclusive Curvo-Thrust Cutterhead double-chops, clean-chops with its recutting knives. Gives extra lift in the spout with its cupped paddles. Delivers to side or rear. Pays for itself quickly because it does so many jobs around your farm . . . all year long.

For an economical combination, team your "33" with a New Holland Spreader with Forage Sides and Cross Conveyor. Saves labor, saves on initial costs, too. See the Crop-Chopper today at your New Holland dealer. Or write New Holland Machine Co. Division of Sperry Rand Corp., New Holland, Pa.

NH NEW HOLLAND
"First in Grassland Farming"

Do horses Push or Pull a wagon?



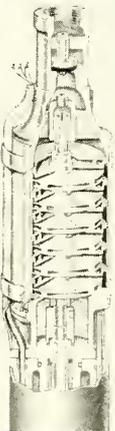
Most folks say horses pull a wagon. But, some point out that the horse actually pushes against a harness and the harness does the pulling.

No matter which way you look at it, there's one thing for sure. You get better use out of horsepower when you push and pull.

That's why Myers submersible pumps give you more water with less power. The entire pump and motor are submersed in water. Scientifically designed impellers pull in water and push it to the surface.

Each impeller unit is designed to add more push to the next. You get real power build-up that produces plenty of water at the top of the ground . . . enough pressure to supply every home and barn faucet with ease.

Myers submersible pumps are designed to last, too. Because the pump motor is submersed in water, it stays cool. The pump motor is lubricated by oil with a long lasting reserve supply.



Here is a cut away illustration of a Myers submersible pump, showing how impeller stages are designed to give "power push" to water.

Myers

Want additional facts on submersible pumps? Write today for a free folder describing Myers submersible pumps . . . the underwater pump you install and forget.

The F. E. Myers & Bro. Co.

5202 ORANGE ST.

ASHLAND, OHIO

for a complete line of pumps and water systems

Your Editors Say . . .

It is always enlightening for an editor to get away from the office for a few days. Particularly is this true in my case when I can attend FFA Conventions and conferences of vocational agriculture teachers. There is no better place to keep abreast of the progress that our organization is making than at these meetings. In practically every state we find Future Farmers whose accomplishments in agriculture almost stagger the imagination. And we find your own ag teacher continually striving to improve himself professionally so that he will be an informed advisor when he counsels with you on the problem of space-age farming.

This year, various members of the magazine staff visited in 21 states. They came away somewhat reassured that, "The Future Farmer of today is the successful farmer of tomorrow."

Howard Carter, former assistant executive secretary of the Oklahoma FFA Association, has joined the magazine staff as associate editor. In his new position, Howard will head the magazine's calendar department. He will work with FFA Chapters on the promotion and use of the Official Calendar in their public relations programs.



Howard Carter

An Oklahoman by birth, Howard spent five years of his youth in Texas where he was graduated from Odessa High School. He earned his journalism degree at Oklahoma University, majoring in advertising-business.

Prior to entering service, Howard worked for awhile in the oil fields of West Texas and Oklahoma. A four-year Navy career carried him into the Korean Conflict and saw him receive a Distinguished Service Commendation for outstanding service.

Howard's varied experience has particularly qualified him for his editorial and calendar responsibilities on *The National FUTURE FARMER* staff. He has been a public relations counselor and has worked on the advertising staffs of two Oklahoma newspapers. For the past two and one-half years, he has been working in radio and television with FFA chapters in Oklahoma.

Howard married an Oklahoma girl, Nancy Whitaker, and they have two children: David Allen, two, and Darla Rae, five months. They have taken an apartment temporarily awaiting completion of their new home in Alexandria.

Howard married an Oklahoma girl, Nancy Whitaker, and they have two children: David Allen, two, and Darla Rae, five months. They have taken an apartment temporarily awaiting completion of their new home in Alexandria.

From an editor's notepad: . . . Val Brinkerhoff, Nevada Future Farmer, and his dad did some figuring the other day and decided that they grew about 12 percent of the wheat grown in Nevada. . . . The State of Utah has 56 FFA advisors—none of them smoke. . . . 49 of Oregon's 89 vocational agriculture departments make some use of school lands in their supervised farming programs. . . . Former national FFA officer (1946-47) Bob Taylor is at Ohio State studying for his Ph.D. Degree. He is on leave from his job as state FFA advisor in Arizona.

Wilson Carnes
Editor

The National FUTURE FARMER



Ronnie Rogers owns a herd of twelve registered Angus cattle.

Grand Championships a habit with young Missouri farmer

That fine registered Angus heifer exhibited in 1957 by Ronnie Rogers, of Kirksville, Missouri, was Grand Champion everywhere she showed her glossy coat. She was Grand Champion Angus Female (Junior Division) at the American Royal . . . and at the Missouri State Fair. At the Northeast Missouri Fair she was Grand Champion in the open class. And now, she's in the herd of registered Angus that Ronnie is building up for his career as a breeder of registered cattle.

Winning awards with cattle is a habit with Ronnie. He has six trophies and upwards of a hundred ribbons, many of them purple. He has never purchased an animal for showing. All of his winners have come from his own or his father's Purina-fed cattle.

In addition to his cattle raising, Ronnie has been on the county stock judging team five years . . . has served as president of the county's junior leaders . . . has captained the

Kirksville High School football team, winning a place on the all district eleven and honorable mention on the all-state team.

This fall, Ronnie will be at the University of Missouri, wearing the black and gold of the football squad. His classroom work will prepare him for a career in animal husbandry. He's a Junior Deacon in the Christian Church.

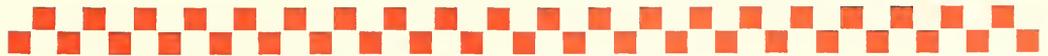
Purina congratulates Ronnie Rogers . . . Farmer of Tomorrow . . . on his successes of the past and his prospects for the future.

* * *

Ronnie Rogers fits his show cattle on home-grown grain supplemented with Purina Chows supplied by Ruby Green, Inc., Purina Service Center at Kirksville, Missouri. Your nearby Purina Service Center will help with your feeding and management problems, whether your stock is going to the show ring or to market.



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hand*



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mate...*



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Rugged dependable Triumph is a *double* asset on the farm. Silent-running . . . easy to handle over any terrain, Triumph is particularly suited for hunting trips or for herding cattle.

Here's a cycle that is equally at home in the field or on the highway . . . a versatile performer that takes farm chores in stride, makes your after-work hours much more enjoyable.

Talk about economy! Triumph 4-cycle models range from 75 to over 100 m.p.g. And they're priced to fit your budget.

See your nearest Triumph dealer today for a free demonstration ride. He'll also teach you to ride, without charge.

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Please send me the new 1959 full-color Triumph catalog showing your complete line of models.

Check here if you wish the name, address and telephone number of your nearest authorized TRIUMPH dealer.

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 CITY OR TOWN _____ STATE _____
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**Reader
Roundup**

Woodson, Texas

Enclosed is 50 cents for renewal of my subscription to *The National FUTURE FARMER*. I've saved each issue of the Magazine since I first started subscribing; and during my spare time, I always find them interesting to read over again.

Wayne R. Hurford

Hathorne, Massachusetts

. . . The Essex FFA Chapter members, advisors, and their families served as models for artist Harold Anderson when he worked out the scene for the 1960 Official FFA Calendar painting. The scene was arranged right here at the Essex County Agricultural School. Artist Anderson notified me about the requirements for the scene, and I assembled the individuals accordingly.

These persons now wish to purchase copies of the Calendar as personal souvenirs of the event. . . .

Ellery E. Metcalf
Chief Advisor

Gray, Georgia

I'm a former teacher—a woman of the soil—and I like it! My son is an FFA member at Jones County High School. He enjoys the program and WE enjoy *The National FUTURE FARMER*.

The following is a condensation of a weekly column which I write for our local newspaper. It relates my experiences with raising earthworms. Let me know how to overcome the obstacles.

"Fish bait won't make you rich, but a well-planned earthworm bed can be a profitable side line." That was the gist of a timely article, "Extra \$ from Earthworms," by Joe Boyd, in the June-July issue of *The National FUTURE FARMER*. Almost immediately, I could visualize a gleaming sign: Buy Fish Bait from Frances.

Securing the proper container for the earthworms' habitat was the first problem. If you don't believe it's a trying job to get a drain plug in a discarded oil drum, try it. All my attempts met with no success. Then, attention was settled on a discarded swinging churn, an old tin tub, and three discarded calf troughs.

Problem number two for me was



Husk or shell . . . switch in less than 10 minutes!
 The No. 10 sheller attachment clean-shells bumper crops at fastest picking speeds . . . stays on when you husk. All bearings are life lubricated!

New Farmall® Six . . . famous 2-MH make clean, big-yield picking easier than ever!



Harvest 20 acres a day with the 5-plow Farmall 560 tractor and 2-row McCormick 2-MH picker. Crib up to 8 extra bushels an acre with job-matched picking and husking rolls, separate husking bed, shelled corn saver.

Now, breeze through 100-bushel-plus yields with a great McCormick® 2-MH corn picker mounted on a super-smooth, new 6-cylinder Farmall 460 or 560 tractor. Big power, plus traction that puts it to better use, maintains picking efficiency in *all* conditions.

You change picking speed on-the-go with Torque Amplifier! You slow down to 1½ mph to clean-pick storm-flattened stalks. You *instantly* adjust snapping roll spacing on-the-go, to save more corn in abnormal field conditions. Completely independent pto helps you avoid down time due to slugging. And IH power steering ends "wheel fight" even in roughest fields.

Just drive in to mount the McCormick 2-MH picker on a new Farmall 460 or 560, or an older 3 or 4-plow model. Nineteen sealed bearings, and the Centralized Lubrication System—which lets you grease 80 others on-the-go—eliminate get-ready delay.

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If you ever took a close look at a Butler farm building, you'd see why it takes a lot to harm one. Heavy steel structurals bolted to concrete, for keeps, form the rugged skeleton. Bolted to them are the weathertight die-formed panels that provide the protection of a one-piece metal shell. We don't claim Butler buildings are indestructible, but they have weathered wind, flood, lightning, and terrible fire. Butler is considered America's finest farm building for other reasons, too, like post-free interiors, high and wide doors, fast construction. Get all the facts. See your Butler Builder for a copy of "New Uses For Farm Buildings." Or mail this coupon.



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State

Reader Roundup

selecting the ingredients for the earthworm bed. Very carefully the directions were read again, and the proper consistency of soil, loam, and humus was carefully arranged. All the while, we could just see the \$'s rolling in. The containers seemed well established, and the soil was saturated with water. Each container was amply supplied with worms.

So far, so good! The directions said to supply the earthworms with ample food. Painstakingly the ingredients were mixed, looking tempting enough for anyone to souse into. Believe me, someone did souse into them! The next morning I discovered the earthworm menu had smelled very inviting to the beagle hounds—so inviting that they had overturned every container which I had so money-eyedly arranged the day before.

Starting from scratch, the earthworm beds were rearranged, and artfully fortified against four-legged rogues. We placed the bifocals real close to the magazine article that time. It said, "In sixty to ninety days the egg capsules hatch. Once the business is started, early in the morning while the worms are feeding is the best time to remove them."

So, early one morning to the containers I went. In one there were millions and trillions of ants; in another a miserable mouse; and would you believe it, out from another container scooted a skittery lizard! Some of the toughest, blackest, thieving beetles had taken over the last! Courage lagging, I adjusted the bifocals again and read, "Remember it's easy to install, no high initial cost, and requires a minimum of management time." But the article failed to tell how to keep out pests!

Alas, I decided that about the only shingle I needed, anyway, was the one I have endeavored to engrave in my heart: "Let me live in a house by the side of the road and be a friend to man."

Mrs. J. A. Barker

We're glad our article, "Extra \$ From Earthworms" was of interest to National FUTURE FARMER readers. However, quoting from our April-May issue, this warning was given: "Ants and mites sometimes attack well-stocked beds, but can be controlled with light applications of sulphur dust." Incidentally, regular dusting near earthworm beds will keep infestation to a minimum.

Mrs. Barker's trouble from beagle hounds may stem from failure to bury her containers. It's pretty hard to overturn a barrel when it's one-third underground. Inexpensive screen wire covers should eliminate further trouble from mice or lizards.

If other readers have more suggestions for Mrs. Barker, send them in.

We'd also appreciate hearing the experiences of other "earthworm farmers."
—Ed

Richland, Michigan

Since I joined the FFA, I haven't missed a copy of *The National FUTURE FARMER* magazine. And now my subscription has run out and I would like to renew it for the coming year.

The Magazine has inspired me and shown me that there is always something to work for.

Glen Collison

Haskell, Oklahoma

I want to thank you for your wonderful magazine. I've been out of school for two years now, and would like to renew my subscription. Since I am moving back to the farm, *The National FUTURE FARMER* will be a big help.

Tommy Wright

Postville, Iowa

We think you're doing a terrific job with *The National FUTURE FARMER* and really look forward to receiving it here. I wonder how many chapters have kept a complete file of copies from the beginning? We have ours intact; and I must say it is worth the trouble!

William W. Stewart

Vocational Agriculture Instructor

Joins National Office Staff



Harold Duis

Harold F. Duis has joined the staff of the U. S. Office of Education in Washington, D. C., as Program Specialist in Vocational Agriculture for the Central Region. For the past nine years Mr. Duis has been State Supervisor of Agricultural Education in Nebraska. Prior to that time, he taught vocational agriculture and was a local FFA advisor for 14 years.

In his new position, Mr. Duis is an ex-officio member of the Board of Directors of the FFA and the Board of Trustees of the FFA Foundation, Inc.



How to make your diploma pay off in Military Service

Published especially for high school graduates and seniors

Just off the presses! A valuable 48-page booklet titled *The Secret of Getting Ahead*. This free booklet explains all about the special Army opportunities open to high school graduates—shows you how to make your diploma pay off in military service!

Learn how you can choose technical schooling before enlistment

The Secret of Getting Ahead includes the complete Graduate Specialist story—all the facts about the Army educational program for high school graduates and seniors *only*. If you meet Graduate Specialist qualifications, you'll be able to choose technical schooling *before* enlistment. This booklet describes each of 107 Graduate Specialist courses—gives you details about up-to-the-minute training in Electronics, Atomic Weapons, Radar & Television Repair, Machine Accounting, Guided Missiles, Drafting and many more.

Do you know the answers to these important questions?

What are the qualifications for the Graduate Specialist Program? How can a high school senior gain by applying *before* and enlisting *after* graduation? Does Army schooling have civilian value? What are Army schools like? What is the "secret" that increases your chances for success when you make *any* decision? *The Secret of Getting Ahead* answers all these questions—and many others. What's more, the booklet contains vital informa-

tion about Selective Service and Army Reserve—important facts every draft-eligible young man *should* know.

Here's the fastest way to get your free copy

To get your free copy of *The Secret of Getting Ahead* in the quickest possible way—stop by your local Army recruiting station. There's *no* obligation. No recruiting station in your area? Then use the coupon to order your free copy direct from Washington. It'll be mailed to you immediately—without obligation.

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 Washington 25, D. C.
 ATTN: AGSN

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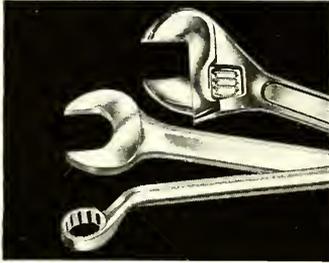
Please rush me a free copy of *The Secret of Getting Ahead*. (I'm a high school graduate or senior.)

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Address _____

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GOOD TOOLS keep GOOD EQUIPMENT RUNNING



Keep all of your farm machinery on the job this Spring with Proto Tools ... tools you can depend on when you need them most. They'll help keep your tractors, plows, harrows, and other implements in the field.



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1717 Oxford East, London, Ontario, Canada

Looking Ahead

BULL OR HEIFER—TAKE YOUR PICK!

Researchers may soon be able to control the sex of newborn farm animals. They say it probably won't be long before farmers can order a bull or heifer from their cows at the time they are bred artificially. It has been determined that male determining sperm is lighter in weight than female sperm. Because of this weight difference, experiments to separate the two types of sperm with a centrifuge have been successful.

INFRA-RED HEAT FOR CROP DRYING

"The potential appears unlimited for the use of infra-red heat in drying crops," says Dr. David W. Rosberg at the Texas Agricultural Experiment Station. It can be used on grasses or legumes, potatoes, onions, pecans, or any other crop which needs surface moisture removed in a hurry. The control of some plant diseases and insects have been achieved by Dr. Rosberg in early tests with infra-red heat. Laboratory tests will determine if there is a loss in quality with this type of drying. Insects in rice were killed during the drying process, indicating that infra-red may also overcome many insect problems in stored grain.

HYGROMYCIN CONTROLS ROUNDWORM IN PIGS

The antibiotic hygromycin gives practically complete control of large intestinal roundworms when fed to pigs from weaning time to market weight, according to recent tests conducted at South Dakota State College. Results of the experiments show that hygromycin should probably be fed only until the pig weighs 100 pounds. From that time until market weight, the antibiotic appeared to reduce the amount of feed eaten by the pigs resulting in slower gains. Results showed that a combination of hygromycin and aureomycin fed from weaning time to 100 pounds increased gains by a healthy 22 percent over pigs that received no treatment.

THINGS TO WATCH

Cattle—Increase in cattle numbers is picking up speed. Livestock specialists are showing increased concern over this rapid cattle buildup. Marketing the first four months of this year ran 11 percent below a year earlier. Most of those sold have been well-finished cattle or culls. Farmers are holding all animals that offer any hopes of returning a future profit. This means there may be a gain of 4 to 5 million cattle this year. An increase of this size is greater than the rate of population growth in this country. If this expansion continues, look for a big decline in cattle prices during early 1960.

Hogs—Farmers raised more pigs than usual this spring. Expanding production continues to dominate the hog outlook. So far, indications point to a further increase in the pig crop this fall. Hog prices will probably remain well below a year earlier through next winter.

Sheep—Slow expansion in sheep numbers is likely in 1959. This is a continuation of the increase started back in 1957. An increase of 1.8 million head is shown for the past two years. Continued good returns for the producer of both lambs and wool and large supplies of cheap feed grains should encourage good sheep farmers to think about enlarging their flock.

THE COST OF FARM FIRES

During 1958 fires on farms did an estimated \$156 million worth of damage to farm property, according to the United States Department of Agriculture. This compared with losses at \$152 million in 1957 and ranging downward to \$94 million in 1945. USDA economists explain that part of this loss comes from the rising cost of replacing property destroyed.

ELECTRIC WATER SYSTEMS PAY OFF

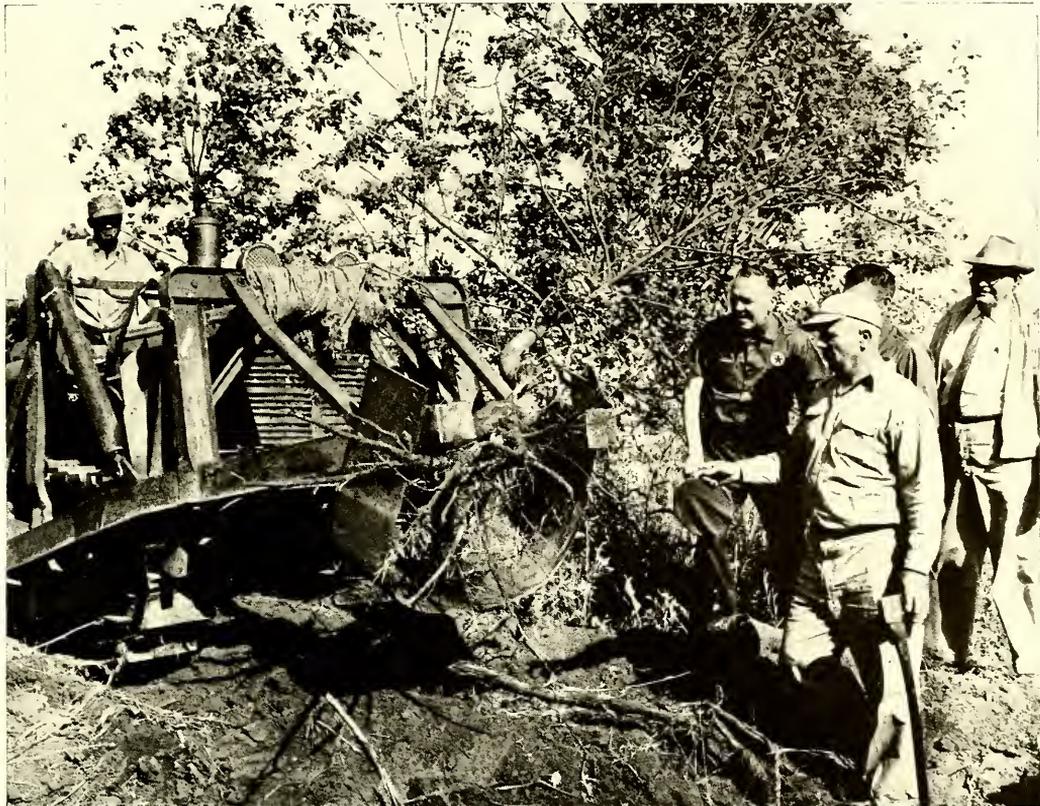
Any device that saves steps, lightens labor, or increases efficiency is a profitable investment for farmers. No other device is a more profitable farm investment than an electric water system. According to Bill Cox, Extension Farm Building Specialist at Alabama Polytechnic Institute, the average family uses 65,000 to 75,000 gallons of water a year. If pumped by hand, it would take more than 240 hours of back-breaking labor to pump that amount. In addition to the labor-saving side of a water system, the farm family can also have a higher standard of living. It means a bathroom for better health, as well as easier laundering and cleaning.

HOME-MADE TREE DIGGER DOES WORK OF 40 MEN!

This ingenious home-made tree digger saves much time and labor on the 300-acre tract of the Onarga Nursery Co., Onarga, Ill.

Easily doing the work of 40 men, it can dig up 60-70 shade trees an hour, roots and all, as easily as a soda fountain clerk scoops up a ball of ice cream!

That's John Haworth at the controls. Others left to right are J. M. Snyder, Francis Albee, Texaco Consignee (partly hidden), C. C. Lewis, foreman and A. L. Fisher, treasurer of the company. The Onarga management, like farmers everywhere who operate power equipment, knows that *it pays to farm with Texaco products.*



Marfak prevents bearing breakdowns

J. V. O'Banion (left) operates a dairy farm with a herd of registered Guernseys near Campbells-ville, Ky. Not to be outdone, his wife takes care of 1,100 laying hens. Mr. O'Banion agrees with L. T. Wheat, manager of the Heber Lewis Oil Co., that field breakdowns are avoided with Texaco Marfak lubricant. It forms a tough collar around open bearings, sealing out dirt and moisture. Marfak won't drip out,

wash out, dry out, or cake up. Farmers everywhere who try it, continue to *buy* it.



BUY THE BEST...BUY TEXACO



Only
NEW IDEA
 offers a
**FULL YEAR
 GUARANTEE**
 on its
Corn Pickers

NEW IDEA mounted picker with high capacity trailing husking unit fits most tractors.

You don't know your yield per acre until you pick with this **NEW IDEA**

Suddenly you're getting 2, 3 and 4 more bushels per acre.

Because NEW IDEA's new stalk guide reduces ear drop-off losses. Because NEW IDEA's ground-hugging floating points don't ride over down and bent stalks. Because NEW IDEA's low-reaching gathering chains pick up more down and tangled corn. Because NEW IDEA's 2-level corn saver catches more loose kernels . . . stops waste.

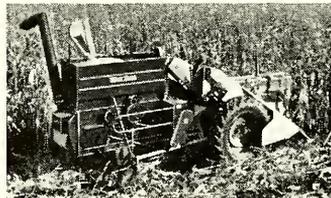
And look what's standard equipment on this NEW IDEA mounted picker:

- Extra large capacity husking bed and wagon elevator
- Quiet operating clearing rolls
- High velocity fan for trash clean-out
- Banks of grease fittings for upper husking rolls
- Sturdy tractor wheel shields
- Convenient mounting ladder

NEW IDEA gives you tractor-seat control of your four most important in-field adjustments: snapping roll spac-

ing, height of snapping unit from ground, clutch to disengage wagon elevator, and load-leveling ear deflector. NEW IDEA's trailing husking unit reduces weight on tractor wheels. You pick when others stick.

You expect more . . . you get more . . . when you buy a NEW IDEA. See the NEW IDEA mounted picker at your NEW IDEA dealer's now. Or write for free literature.



High-capacity New Idea Field Sheller teams with mounted picker gathering unit . . . operates at normal picking speeds . . . delivers clean shelled corn into built-in, power unloading grain bin with leveling auger (as shown) or available without grain bin for loading into trailing wagon. Change from picking to shelling, or shelling to picking, in 30 minutes!

NEW IDEA FARM EQUIPMENT CO. DIVISION **Arco** DISTRIBUTING CORP.
 Dept. 85, Coldwater, Ohio

Please send me the following FREE literature:

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| <input type="checkbox"/> 2-Row Mounted Picker | <input type="checkbox"/> 1-Row Pull-Type Picker |
| <input type="checkbox"/> Field Sheller | <input type="checkbox"/> 2-Row Mounted Snapper |
| <input type="checkbox"/> 2-Row Pull-Type Picker | <input type="checkbox"/> 1-Row Pull-Type Snapper |



Name _____
 Address _____
 Town _____ State _____

Young Farmers



IF THESE selections aren't available at your book store, write to the publishers listed. Say you "saw it in *The National FUTURE FARMER.*"

Law and the Farmer (Springer Publishing Co., 44 E. 23rd St., New York 10, N. Y.; Price \$4.95)—Here's practical legal advice in plain, simple language for farm planning. Hundreds of case illustrations help you understand aspects of buying, selling, leasing, or inheriting farms. Information on water rights, liability, and many other vital subjects.

College Ahead (Harcourt, Brace, and Co., 750 Third Ave., New York 17, N. Y.; Price \$3.95)—Thinking of attending college this year? If so, this is profitable reading for you and your parents. It's intended as a guide for college-bound students, and explains the essential differences between colleges. Helpful tips on preparing for college selecting THE school, and applying for admission. Finally, hints on making good after you are accepted. Top-notch reading!

Buffalo Bill and the Wild West (Signet Books, 501 Madison Ave., New York 22, N. Y.; Price 50c)—Of interest to the history lover and western fan. Over 175 illustrations and 320 pages of easy reading brand this one a truly outstanding paperback in its field. Recommended, if you're interested in William F. Cody, known to the world as "Buffalo Bill," frontier scout and master showman.

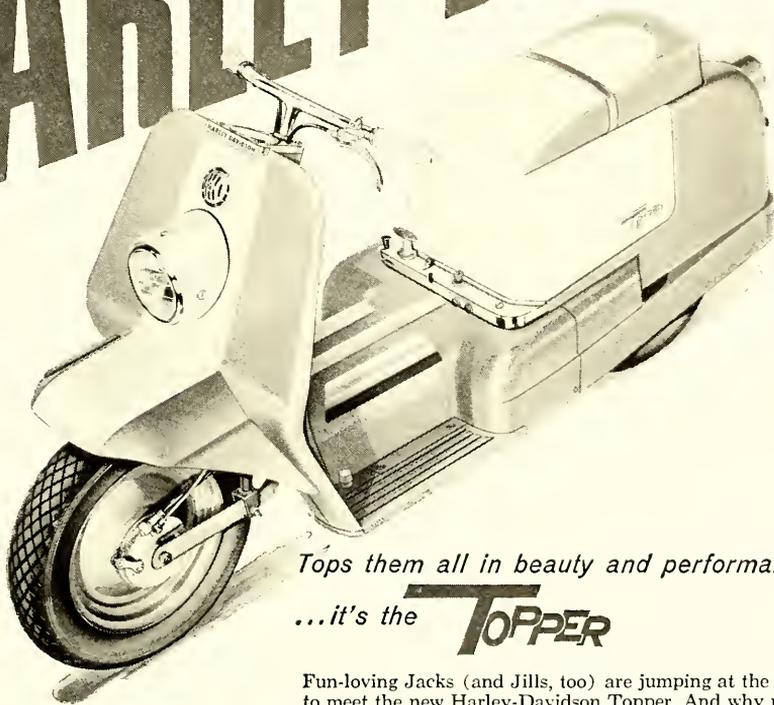
Modern Breeds of Livestock (Macmillan Co., 60 Fifth Ave., New York 11, N. Y.; Price \$8.50)—If you're looking for a handy, compact reference on cattle, swine, sheep, goats, and horses, this is it. Aided by ample photos, charts, and graphs, this is a storehouse of livestock knowledge recommended for breeders and agriculture students.

Free (Arco Publishing Co., 480 Lexington Ave., New York 17, N. Y.; Price 50c)—This book disproves the old adage, "You don't get something for nothing." It lists over 1,065 items, publications, pictures, and gifts which are yours just for the asking. Tells exactly how to cash in on many valuable free offers.

Profitable Southern Crops (Prentice Hall, 70 Fifth Ave., New York 11, N. Y.; Price \$7.00)—Complete crop culture recommendations for cotton, corn, sorghum, small grains, forage, alfalfa, tobacco, peanuts, and rice. Tips on marketing, management, and cultivation.

New! A Scooter by

HARLEY-DAVIDSON



Tops them all in beauty and performance

...it's the **TOPPER**

Fun-loving Jacks (and Jills, too) are jumping at the chance to meet the new Harley-Davidson Topper. And why not? There's not another motor scooter like it — combining clean, smart beauty with the newest mechanical secrets of success. *Scootaway* automatic transmission makes riding a snap...lowest center of gravity makes handling a dream. See the new Topper at your Harley-Davidson dealer. Or write for free, colorful folder.

HARLEY-DAVIDSON MOTOR CO., Milwaukee 1, Wisconsin, Dept. NFF
World's leading manufacturer of lightweight motor vehicles

See your
**CHAPTER
CATALOGUE**



for all Official
FFA
MERCHANDISE

Your advisor has re-
ceived a copy of the
1958-59 official cata-
logue.

**FUTURE FARMERS
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P.O. Box 1180
ALEXANDRIA, VIRGINIA

Owned and operated by the
Future Farmers of America



State Officers To Visit Nation's Capital During FFA's First National

Leadership Conference

A ONCE-IN-A-LIFETIME experi-
ence awaits some 250 state FFA
officers who will participate in the first
National FFA Leadership Training
Conference at Washington, D. C., July
22 through 24.

Preliminary registration indicates 45
state associations will be present with
the "cream" of FFA's annual leader-
ship crop. The program is designed to
make them even better leaders when
they return to their respective states.

A part of the program will be the
long-awaited dedication of the \$325,000
building constructed by the national
organization to house the Future Farm-
ers Supply Service and *The National
FUTURE FARMER* magazine.

Each association represented at the
Conference will bring along a packet
of soil from its state to spread on the
building grounds. U. S. Senator Frank
Carlson of Kansas will deliver the prin-
cipal dedication address during the final
half-day of the Conference on July 24.
Prior to that, programs will be designed
for leadership training with three goals:
learn more about FFA on a national
level; exchange ideas to help state FFA
officers do a better job; and finally, learn
about the Nation's Capital, become ac-
quainted with work of leaders in the

Federal government, and visit historical
shrines.

National Officers will take the lead
in explaining such facets of the national
organization as the National FFA Con-
vention, Board of Directors and Student
Officers, work of the national office
staff, and other pertinent items.

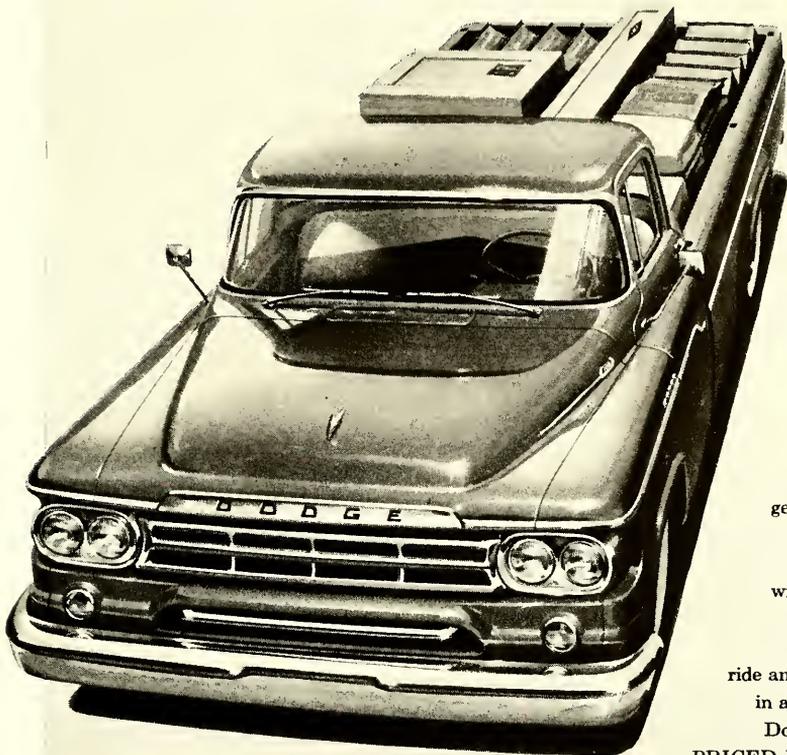
Representative state officers and ad-
visors will take part in panels, group
discussions, and symposia designed to
help them do better work in their home
states. Improving state FFA conven-
tions, use of camps for leadership train-
ing, and leadership "tips" for effective
work will also be covered.

The "learning about Washington"
portion will include addresses by sev-
eral prominent Government leaders and
a possible visit to the White House.
Special programs will be conducted at
the Tomb of the Unknowns, Jefferson
Memorial, Mount Vernon, the Capitol,
Archives Building, Washington Monu-
ment, Lincoln Memorial, Iwo Jima Me-
morial, and George Washington's Grist
Mill.

Said the national officers in a vote
to the delegates: "This expenditure of
\$15,000 represents an investment in
you, expended to enhance your future
value to the FFA and to America."

The National *FUTURE FARMER*

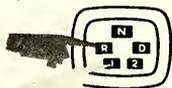
LOADED FOR GO!



'59 DODGE SWEPTLINE

Empty or loaded, this handsome pick-up performs with the same get-up-and-go. Its spirited 205-horsepower V-8 handles capacity loads with pep and zip to spare. Try this comfortable Sweptline . . . it has the ride and handling you'd expect in a passenger car. Let your Dodge dealer show you it's **PRICED WITH THE LOWEST.**

PUSH-BUTTON DRIVING



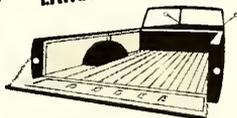
Another Dodge Truck exclusive—just push the button and away you go!

POWERED FOR ACTION



This lively 205-hp. V-8 masters any load, any road. And on thrifty regular gas!

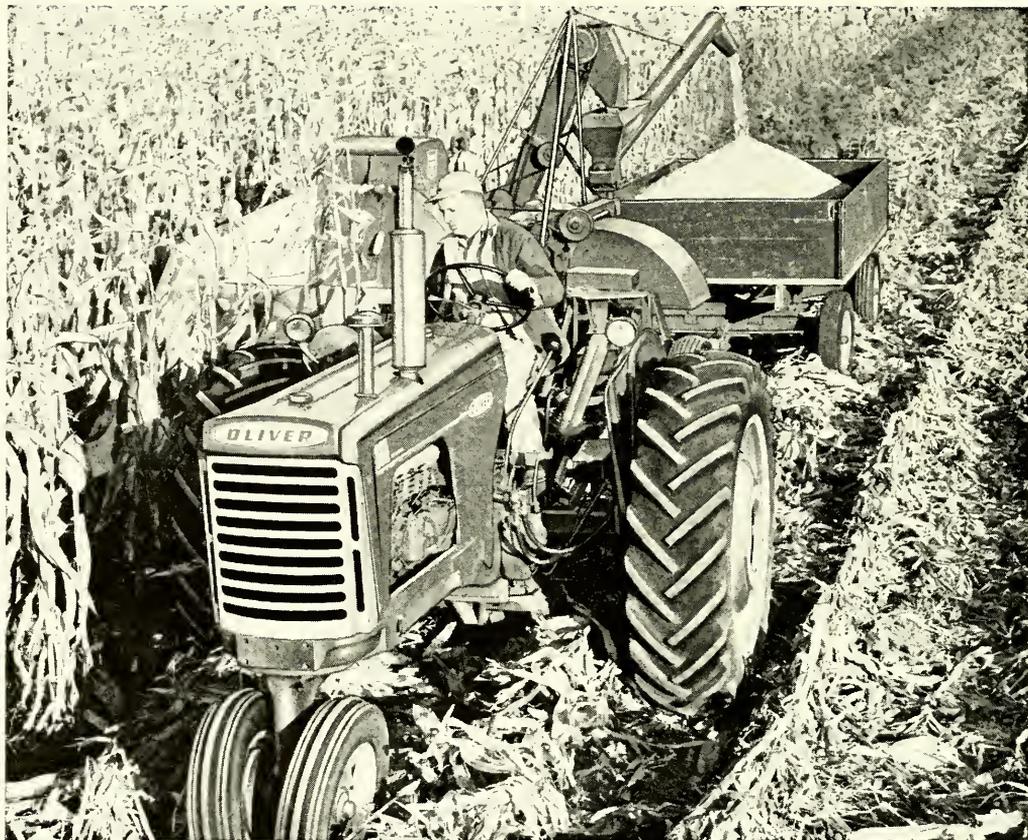
LARGEST LOAD SPACE



More payload space than in any pick-up. Save trips and time by hauling more each trip!

TODAY IT'S REAL SMART TO CHOOSE
DODGE TRUCKS *the trucks with the most*

SEE YOUR DODGE TRUCK DEALER AND TAKE A DODGE DISCOVERY DRIVE NOW!



New! **TEAMED-POWER** does both

Husks and shells your 100-plus yields

Now you can husk part of your corn crop, shell the rest—*both* with Oliver's new husker-sheller. You invest in just one basic unit plus an economical husker, sheller, or both. That's Oliver's new **TEAMED-POWER** for modern corn farming—designed and built for the man who's stepping up to the 100- to 150-bushel class.

NEW GATHERING UNIT—saves your crop and saves you. It proved its mettle in capacity and easy handling—tops in safety, in shelled corn savings, and best at picking up the down corn. But now the story is even better. Oliver's new unit shells less, wears longer, services easier.

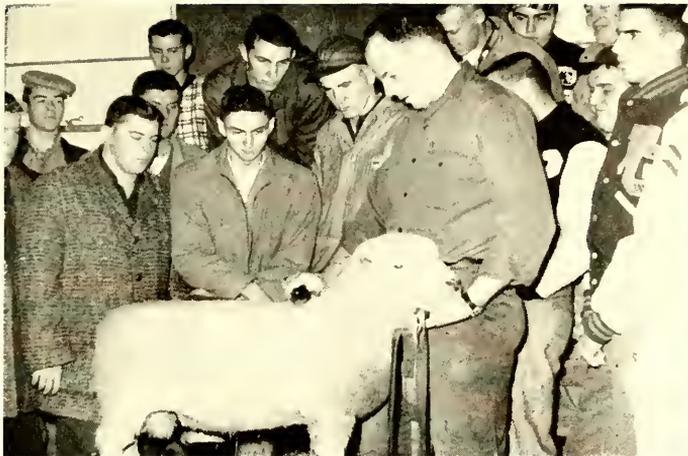
THE HUSKER-SHELLER—two easy-change units, design-matched to suit your fondest production dreams. The husker: Oliver's famous valley design with eight 37-inch rolls, overhead fan, full-length corn-saver, and extra-wide wagon elevator. The sheller: the all-new, slow-speed, 1-section cylinder that practically eliminates cracking.

Now you can be practical and modern with this new Oliver—**TEAMED-POWER**'ed for your 100-plus yields. Ask us for a demonstration on your own farm. "Pay-as-You-Produce" financing available.



THE OLIVER CORPORATION,
400 W. Madison Street, Chicago 6, Illinois.

See Your **OLIVER DEALER** and See



Ag college students at left are getting practical experience with sheep. Below, two Purdue students are busy earning extra college expense money.



WILL COLLEGE HELP YOU FARM?

By Richard E. Geyer

SHOULD a Future Farmer go to college?" I asked C. Peairs Wilson, director of the Kansas State College School of Agriculture.

"A large proportion of those who farm in the future will need a college education," he said. Wilson asserted that college is important because "farming will become more scientific and more business like. We need to keep abreast of these trends."

"I use my college education all the time," says Will Erwin, selected as Indiana's best young farmer for 1957. "It makes farming much easier." Erwin, a former FFA member, rated one of the top four national Jaycees outstanding young farmer awards. He majored in Agricultural Economics at the University of Illinois.

College will teach you facts, skills and how to make decisions. These will earn dollars when you are back on the farm. College-educated farmers know chemistry, physiology, entomology, livestock husbandry, economics, mechanics, and a number of other subjects. A farmer could learn these by experience and study at home—but it might take a lifetime. The college way is better.

Classroom, labs, and practical field trips are mixed. You may visit a top-notch farmer, learn why he is successful. You will realize the importance of shopping around for the best ideas before starting a big project on your own.

College farmers learn rapidly—and put their new ideas quickly to work.

But college can and should do more for you than teach you to farm better. It gives opportunity for social, physical, and spiritual growth as well as mental progress. Colleges try to graduate men better prepared to live useful, happy lives.

Your college education will better prepare you to handle responsibilities in your community—church work, politics, or youth groups such as FFA chapters. You will be more qualified for working in farm organizations, such as the Farm Bureau.

You may have been told that agricultural colleges teach practices that are out of date in a few years. This is not necessarily so. College educators realize that agricultural practices age rapidly—therefore they concentrate on teaching principles. When you have returned to the farm, and need the latest recommendation, you will know where to go for it.

You say you don't have time for college? Four years is short compared to a lifetime. It is best to start properly equipped to do the job. If circumstances absolutely prevent your attending a four-year course, think about a winter course offered at most land grant schools. And there are other programs. Iowa State has a 2-year Farm Operation school. Students there can arrange to go to school only in the fall

and winter, when work is light. They are out of school in time for spring plowing.

You can't afford it? As an FFA member, you should be better prepared financially than the average youth. Will Erwin not only started college with money from farm projects, but he also bought an 80-acre farm while in college, and rented it.

One former Indiana FFA member had \$5 left after paying tuition for his first semester at Purdue University. By working as much as possible, he graduated in four years.

College actually pays financial dividends. Experts say the average college-educated man will earn \$100,000 more than the average non-college man during his lifetime. Not a bad return for an investment of \$4,000 to \$5,000!

Can you make passing grades? You can—if you really want to. College administrators say that most of the failures are due to lack of effort, rather than lack of ability.

Are you afraid you'll lose opportunities for FFA offices? You needn't worry. Many students keep up some of their FFA activities after entering college. Jerry Rulon was elected national vice president during his junior year at Purdue University.

Rewards are waiting for you if you will take the time to educate yourself. Start planning for college training to better your farm and your life. ♦♦♦



then

now



Here's Ed in 1948, exchanging poultry talk with Hampshire Advisor Carl Lewis.

Ed Wouldn't Quit

THE RECORD of former FFA member, Ed Heine, speaks for itself! In the span of five years, he was Hampshire, Illinois, chapter president, state public speaking champion, Illinois state secretary, and an American Farmer Degree winner.

In his "spare time," Ed served as senior class president, head of the high school student council, and teacher for his local Sunday School.

And during it all, Ed Heine couldn't walk without his crutches and leg braces. He was a polio victim, stricken during his freshman year.

"It might have been a major handicap to a lesser boy," recalls Hampshire Advisor Carl Lewis: "but Ed seemed to take everything in stride. Once he dropped his cap in the hall and several schoolmates started to retrieve it. But Ed quickly fished up the cap with one of his crutches."

The FFA gave Ed something firm to grasp. And with a steady hold on it, other things began to come easier to the young midwesterner as he started his freshman year and the game of life all over again.

His father's farm had been geared to beef cattle production for years, but a small poultry enterprise had long been a part of the operation. It didn't take much time for Ed to choose his stake in agriculture.

"Since poultry requires considerably less physical activity than many phases of farming, I decided to expand the family poultry set-up and concentrate on it for my project program," he relates.

Starting with 200 New Hampshires, an acre of Ranger alfalfa, and five acres of Midland clover, Ed became a chicken farmer. Swapping work with his brothers, Ed managed to feed, water, and inspect his flock with no trouble. His three brothers were glad to haul

feed and water in return for help with feeding and management.

"I reconditioned an old hog shelter for my laying house," Ed remembers, "and paid for it with cracked eggs and dressed poultry for home consumption. A want ad in the local paper turned up some second-hand equipment at a bargain price. So, for next to nothing, I was soon in business for myself."

Labor income for the first year totaled some \$190. With that, and a wealth of experience, Ed started his second year with 310 birds and the same field crop acreage.

During the following years the determined youngster asked for and received no sympathy for his physical handicap. Rather, he simply was accorded an extra measure of respect for his abilities and determination. Such chores as planting a farm wind break, applying chemical weed killers along fence lines, farm shop welding, pruning fruit trees, soil testing cropland, and general handyman work were commonplace for him.

Culling and caponizing the poultry came easily and quickly to Ed, and as his abilities multiplied, so did his scope of activity. Supplementing his income with custom hay baling during summer months, Ed wound up his application for American Farmer in 1958, with 232 birds in his breeding flock and 520 in his growing flock.

Advisor Lewis says, "When Ed walked across that Kansas City stage to receive his degree on crutches I couldn't keep from remembering the 1946 FFA 'Victory Convention.' Ed was a junior and had a burning desire to attend that meeting. He mentioned it several times, telling me he was going to be there. He never once asked me to carry him. But in October, I met him there in the Municipal Auditorium, having the time of his life."

Ed's last contact with the FFA was in 1948, but his love for agriculture and young people is still very active. After being graduated from Elmhurst College and Eden Theological Seminary, he became an ordained minister. Now he's serving the St. John United Church of Christ in Naperville, Illinois.

Still a bachelor, Ed cheerfully maintains his four-room parsonage, cooks all his meals, and tends a vegetable garden. None of these chores interfere with regular church work or his hobby of printing.

"I have a special automobile with hand controls; making up to 150 house calls per month during good weather. But being a preacher isn't much different from being a farmer! Instead of having someone phone me about cattle being on the public road, I'm more likely to hear from a young couple, just engaged, asking me to perform the ceremony—six months distant.

"Recently, I've been experimenting with 'home hydroponics,' producing vegetables from a solution of sea solids and nitrogen grown in a pea gravel medium. Leaving fluorescent lights on this 'garden' for 18 hours a day, I have produced beautiful tomatoes, peas, and beans. I expect to increase this hobby considerably."

Ed Heine fondly recalls his FFA days with a prayer. "I thank God for my having been a Future Farmer; I believe in the God-given future for farming; and pray His blessings upon the farming of the future."

But perhaps the most significant manifestation of Ed's lingering love of the land is the title of his Seminary thesis: "A theological evaluation of God's purpose for man; man as tiller of the soil, and its relation to man as his brother's keeper."



YOU CAN BE AN OFFICER

MOST FUTURE FARMER officers—local, state, or national—are self-made.

Sure, they were all elected by fellow members and recommended by a nominating committee. But pure chance had little to do with it, and popularity played only a minor role in most cases.

Contrary to popular opinion, the average FFA member has an even chance for becoming an officer or committee head. It's entirely up to the individual! You can bet that your present officers conducted an effective "campaign" for their positions, whether or not they know it.

Most FFA campaigns are silent, and rely heavily on an individual's preparation. If you want to become an officer, or if you would like to become a better one, then prepare yourself now. It's no more difficult than planning the next few crop years or getting ready for a final examination in your favorite subject.

As an officer, there are certain things you need to know. Some things you are *expected* to know. Potential officers can start a "silent campaign" early by learning them now. Present officers can add polish by brushing up.

To provide a broad view of officer requirements, *The National FUTURE FARMER* recently contacted the president of each state association. Each was asked what references and paraphernalia an officer needed to perform his duties effectively. The resulting answers offer a wealth of information to all Future Farmers. Here's what they had to say:

Books—You'll need to do some outside reading. Books provide officers plenty of speech material, technical advice, and moral inspiration. Some of the most popular include the *Official FFA Manual* and *FFA at 25*, available from the Future Farmers Supply Service; and *Forward FFA*, from Interstate Printers and Publishers, Inc., Danville, Illinois.

Some officers indicate a preference for the inspirational book, *I Dare You*. Others recommend a pocket Bible. Being a good speaker and parliamentarian are important traits for a good officer. Many keep in trim with a volume of humorous anecdotes, *Hand-*



book of Speech for Future Farmers, Mr. Chairman, and Leadership Training and Parliamentary Procedure. Your bookstore can probably supply these selections.

Periodicals and Pamphlets—Practically all the state presidents recommend keeping abreast of current events in the organization through state publications and *The National FUTURE FARMER*.

It's important to be familiar with general current events, too, if you are called on for speeches outside the FFA. Some officers accomplish this by clipping editorials and newspapers or magazine articles which might be helpful. A few state presidents make it a point to read copies of local newspapers before making an out-of-town speech.

Three inexpensive pamphlets were popular choices of several officers. The brevity and clarity of *Awards for You, Helps in Mastering Parliamentary Procedure* and *FFA—What It Is and What It Does* were cited as outstanding. If your chapter or state has an *Official Handbook*, chances are it's full of valuable information, too.

Clothing—Every Future Farmer is an ambassador for the organization. Clothes are important. Since today's public usually keeps an observing eye on most young people, it's important to present the FFA in a favorable light.

Your state presidents say that best officer garb is the official jacket worn with a white dress shirt, FFA tie, and a pair of conservative slacks. "All should be clean and neatly pressed," one points out. "Only a moderate amount of jewelry or medals should be worn." Wearing light-colored slacks accentuates the national blue FFA jacket.

State presidents tell you how to plan for future FFA leadership.

By Joe Dan Boyd

Check your April-May issue of *The National FUTURE FARMER* if you'd like to order a free copy of the helpful booklet, *How to Dress Right*.

Official Documents—Officers are expected to know more about FFA than rank and file members. Most state presidents supplement their knowledge by keeping a copy of state and national constitutions on hand.

Quite a few maintain an up-to-date list of all award winners in their areas. It helps in handling correspondence and is handy to study before making visits. Copies of local, state, and national programs of work are other "musts" for officer files.

Speaking Aids—Public speaking is your chance to shine for the FFA. It pays to be prepared at all times.

Several "canned speech outlines" should be prepared and committed to memory. Chapter officers can use this tip as well as state presidents, but not as often. It simply means to plan a basic speech for each type of audience, civic group, school assembly, or church. Naturally, each speech should be supplemented with local happenings. But the canned outline can be a life-saver when called on unexpectedly.

The state presidents also recommend a date book, note cards, a sharp pencil, and a correspondence file to make your public appearances really fresh and impressive.

One officer who does a lot of traveling got a state road map at a service station and circled each chapter with a colored pencil.

If you are a new officer—or a potential candidate—try these tips for size. They are backed by the solid recommendation of experience. One of them may save you a lot of time, plenty of embarrassment, and even some expense to your chapter, state, or personal pocketbook.



Dedicated to all Future Farmers of America



Working as a team the editorial, circulation and advertising departments put the magazine together. Team captain and Editor, Wilson Carnes, examines an issue.

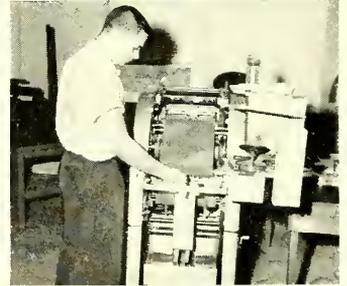


Regional Advertising Managers John Foltz (left) and Jimmy Willis confer with Advertising Assistant Rosalind Pazzato. Ad Manager not shown is Charles Ocker.

Associate Editor Joe Boyd travels far and wide for articles of interest to Future Farmers. Editorial assistants help give an article a final proofing.



A new, high-speed offset press enables the Magazine to save time and money by printing its own stationery and other forms. Floyd Dugan makes adjustments.



Associate Editor Howard Carter heads the Official FFA Calendar program. He is shown with Editorial Assistant Norma Muhlberg discussing the 1960 FFA calendar painting.



Your New FFA Building . . .

. . . appropriately located near Mount Vernon, Virginia, on land once tilled by George Washington. The architect designed the building to fit into its historic surroundings (see cover). The modern, efficient interior was designed to improve the services available to every FFA member. These services include . . .

The National **FUTURE FARMER** *MAGAZINE AND*

Business Manager Stanley Allen with Circulation Assistants Marjorie Bardall and Norma Salvatore. They must keep accurate addresses of over 260,000 FFA subscribers.





Putting a capital "S" on Service to FFA members are Supply Service Manager Ed Hawkins (seated) and Harry Andrews, Asst. Manager. Secretaries are Ann Clark and Erika Reniker.



Since craftsmen skilled in the engraver's art use precision machines to engrave names on FFA jewelry and trophies in the new building, little time is lost in filling orders.

THE FUTURE FARMERS SUPPLY SERVICE

Both are owned and operated by the Future Farmers of America. As these pictures show, providing 380,000 FFA'ers with a national magazine and official FFA merchandise requires large staffs. A tour through the new building is a must for your FFA trips or vacation in this area.



After an order is received, it must first be checked for accuracy. That is the job of the order department staff. It is then retyped and rushed to the proper department for fulfillment so that it reaches you without delay.

Every Future Farmer knows the value of accurate records. In the Supply Service, that big job is handled by the Accounting Department. Like the Magazine, their accounts are audited each year for the FFA by a Certified Public Accountant.



Official FFA jackets by the thousands are lettered with great skill and speed.

The final step. Properly packaged, weighed and postage-paid, an order for official merchandise is on its way.



BUILD YOUR OWN WORKBENCH

By William Gorman
Research Engineer

A WORKBENCH is "basic furniture" for any farm shop. It's pretty hard to get along without one.

Getting yours doesn't necessarily mean a sizeable outlay of ready cash, however. If you're handy with tools and have a little spare time, build it yourself.

You'll need 4 x 4's for the legs; 2 x 4's for supports on upper and lower sides and ends; 2 x 12's for bench top; and a sheet of ½-inch plywood for a shelf under the bench. Chances are you'll need to build your bench at least six feet long.

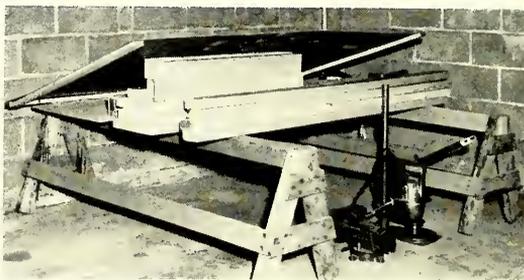
Height should be from 34 to 36 inches, and width of the top is most convenient at 34½ inches. That's the width of three finished 2 x 12's and includes a two-inch overhang in front.

Maple flooring makes a good-looking, durable extra top covering if you want to put out some extra cash. Or, perhaps you have some maple laying around the house from a recent remodeling job.

After you've finished your bench, a hand tool storage mount can be installed above it. Use a large section of ½-inch perforated hardboard. Power tools should go on the bench's shelf.

This picture story shows the basic steps in building a workbench. If you have detailed problems or further questions, contact the author at the Thor Research Center, Marengo, Illinois.

Here's the finished workbench with its handy storage shelf, positioned beneath perforated wall tool board.



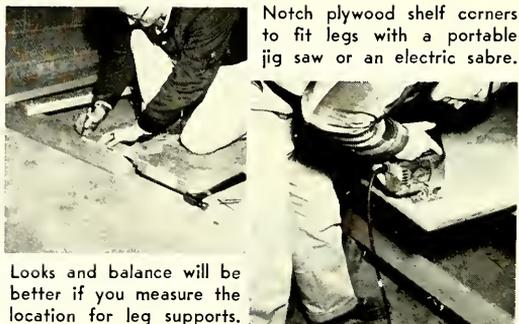
You'll need this bill of materials and equipment shown before starting on your workbench.



Clamping 1 x 6's together and sawing simultaneously results in identical board lengths.



Portable electric sander helps give smooth finish to 2 x 12's.



Notch plywood shelf corners to fit legs with a portable jig saw or an electric sabre.

Looks and balance will be better if you measure the location for leg supports.



This basic grip shows fingers on seam at widest part of the ball.

With extra pressure at arrow, curve grip gives a fast ball.



For slow ball or change-up, hold loosely and well back in the hand.



Wrist snap at upper right is secret of most fast ballers. Roll ball off first finger for curves, twisting hand inward from wrist with a snap, left.



HOW TO PITCH

By Raymond Schuessler

WHAT MAKES a good pitcher?" asks Warren Spahn. "First of all you gotta have speed. But speed, of course, is not enough.

"You gotta keep the batter off balance. That's the important thing. A good curve and change-up make your speed effective and vice-versa. If you throw one kind of ball all the time, no matter how good it is, they'll knock your brains out."

We watched the clever lefthander warm up before pitching an important game in Milwaukee's drive to the pennant last year; his loose-flowing, whip-like motion made the ball fairly sizzle. He didn't push the ball or muscle it out; he whipped it out.

Most pitchers throw with a three-quarter, over-hand delivery; but if you have a natural sidearm motion, most coaches won't change you.

To get you started, here are the basic pitches with a few tips on how to master them:

The Fast Ball is like throwing a stone in a sling. Spahn says, "You gotta make a long circle or arch and then flip the hips, shoulders, elbow, and finally the wrist. Don't cock your arm behind your head like a catcher and shotput the ball. Look at it this way, did it hurt more when your father spanked you with a two-foot plank or a four-foot plank?"

The Curve Ball should be developed after mastering speed and control. The best way to throw a curve is by an outward rotation of the arm and a snap of the wrist when the ball is released. The ball will break in the direction of the spin.

The Screwball breaks in the opposite direction. It's best accomplished with

an inward rotation of the arm and wrist.

A Slider is thrown like a football pass with the space between thumb and forefinger facing skyward as you throw. It can also be thrown by gripping the ball off center.

A Change-up, or slow ball, should be kept low. In fact, a high change-up is asking for a flight to the hinterlands.

Once you have a good variety of pitches, then work more on control—fast ball high and inside; curve ball low and outside. Set up a target on the barn and throw to every position of the plate.

"After you have learned everything there is to know about pitching," says Spahn, "then begin to study the batters and their weaknesses. Each batter is an individual challenge and the best stuff in the world is not going to work against all of them."

Lean forward on front leg, swing arms easily, bend knees slightly.



Get leverage with left leg as arms arc over head. Turn body and foot sideways on rubber.

Push off your right foot, stride toward plate while bringing arm to lay-back position. Whip arm forward as soon as left foot hits ground.



A DAY IN HAWAII



Hawaii's official greeter, Miss Aloha Hawaii, welcomes President Hester to the new state. FFA Sweethearts used similar tactics at his chapter visits.

NATIONAL FFA President Adin Hester visited Future Farmers in the new State of Hawaii last March.

His two-week trip started with the unexpected pleasure of sharing a plane with entertainer Arthur Godfrey and his cast, also en route to Hawaii. Purpose of Hester's Hawaiian jaunt was to attend the state FFA convention; assist chapters with their program of work plans; and cement good will with FFA members in this state of sunshine, sugar cane, and pineapple.

The first full day of his busy schedule began at five a. m. at the Moana Hotel. Your national president had breakfast early before boarding a plane for the Isle of Kauai where he was greeted by a delegation of Future Farmers, a chapter sweetheart, and local vo-ag instructors.

"Part of the day was spent sightseeing," Hester says, "but about mid-afternoon I started visiting vo-ag projects. These Future Farmers grew pineapple, sugar cane, flowers, and tomatoes.

"After visiting all three chapters on Kauai and addressing the members of each, some of the Future Farmers took me to an exotic Japanese restaurant for my first taste of real oriental food."

That same basic schedule was followed on the islands of Oahu, Molokai, Maui, and Hawaii where Hester found all Future Farmers well-informed about the FFA history and quite proud of their supervised farming projects.

During most of his visits, Hester was called on for speaking engagements and assistance in strengthening chapter programs of work. His vast experience with various chapter and state programs rendered this latter duty both easy and pleasant.

Hester's admiration for the Islands centers around their beautiful climate and countryside. He was especially impressed with the farmers' ability to grow many crops the year 'round.

The 20-year-old national president's last three days were spent at the state convention in Hilo, Hawaii, where state President Robert Viduya presided.

"Some 150 delegates are to be commended on their gentlemanly behavior

Hester admires Future Farmer Charles Banquil's papaya crop growing on Puna, Hawaii, lava rock.



Hester and Hawaiian FFA Advisor, Tamotsu Horii, meet with state FFA officers to discuss a conference agenda and program of work.

at the meeting," Hester adds, "and the state officers did an outstanding job of conducting the meeting. I was especially impressed with their awards banquet."

"Some of the friends I made in Hawaii will be with me for a lifetime, and I'll not soon forget the gifts they extended. Some of the most significant include several "aloha" shirts, a Coa Wood key to the city of Hilo, and a mounted clock with Tiki gods on either side."

Not every Future Farmer has the opportunity of visiting fellow members in Hawaii and other far-away states. But, as long as this "ambassador duty" is in the hands of such as Adin Hester, the interests of all are served.



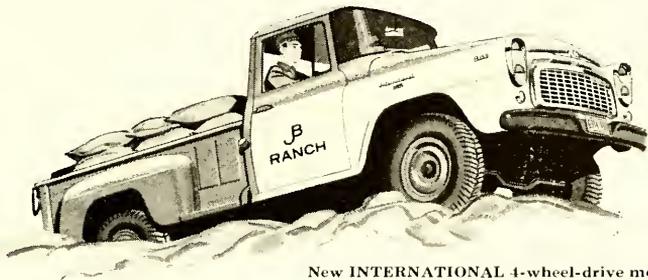
Hester sees his first coffee crop in bloom at the Konawaena FFA Chapter's farm. Culture problems are explained by Advisor Stanley Yoshimoto.

Smooth road? *They make time*



New INTERNATIONAL compact-design models combine easy handling with economical "six" or V-8 power.

No road? *They make their own*



New INTERNATIONAL 4-wheel-drive models work anywhere, power other equipment, give you a roomy ride.

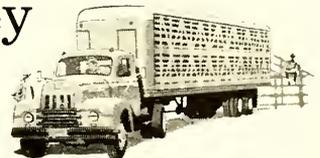
All to help *you* make money



New Bonus-Load bodies offer more space, one-hand tailgate operation.

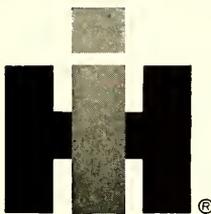


New Travelall® carries 8, doubles as a truck. Ample road clearance.



Heavy-duty models deliver "prime" payloads. Gas, diesel, or LPG power.

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INTERNATIONAL®
TRUCKS

WORLD'S MOST COMPLETE LINE

INTERNATIONAL HARVESTER COMPANY, CHICAGO • Motor Trucks • Crawler Tractors • Construction Equipment • McCormick® Farm Equipment and Farmall® Tractors

Know Your / ELECTRICAL SYSTEM

If your equipment is hard to start, it could mean a worn carbon center contact in the distributor. Eliminate this by installing new cap, left. Right, oil and carbon deposits on firing ends of spark plugs "bleed away" voltage as it builds up.



Courtesy Champion Spark Plug Company

ELECTRICAL SYSTEM

The man best equipped to service your tractor is your local authorized tractor dealer. He has adequate facilities and proper training.

But there are times when it's impractical to call him, and every-day inspection or routine maintenance which you can do in the barn doesn't require the services of a dealer. In fact, there are times when you probably find yourself pretty deeply involved in mechanical work because it's more convenient to do that particular job yourself.

One thing is certain—you can't afford to do a job, even the simplest one, half-way. What's more, you can't afford to cut corners on preventive maintenance.

Here are the points to check and service in your own preventive maintenance program. In handy chart form which you can cut out and post near your tractor.

Generator

Check the generator frequently. Are connections tight and fan belt properly adjusted?

Examine fan belt periodically for frayed or worn areas. Replace if necessary.

Check generator oil cups every week and put in a drop or two of oil. Don't overoil.

Examine and tighten all electric connections on generator and regulator.

Battery

Check battery terminals for corrosion, which reduces starting ability and causes drain on the battery. Remove corrosion by washing battery top and connections with a solution of baking soda and water. Rinse with clear water. NOTE: Don't get solution into vent holes.

Remove battery cables and scrape their terminals inside and out with a pen knife or sand paper. Clean battery post, re-install cables, coat terminals and other exposed metal surfaces with light grease or gasket shellac.

Check battery level and specific gravity every few weeks.

Check ammeter. A battery can be ruined by overcharging.

IGNITION SYSTEM

Distributor

Check breaker point adjustment every 100 hours. Replace points every 250 hours.

If points aren't excessively rough, smooth with a file.

Reset gap by loosening breaker arm locking screw and turning adjusting screw. (Check manual for correct gap.) Be sure to tighten locking screw.

Examine inside of distributor cap for cracks, moisture, or dirt. Wipe clean with dry, lint-free cloth.

File rotor tip and distributor cap inserts *lightly* to remove corrosion.

Suggestion—Replace condenser when installing new distributor points.

Apply small amount of petroleum jelly or similar lubricant to the cam back side of rubbing block and distributor point pivot.

Spark Plugs

New spark plugs have a big effect on performance and economy. Clean and regap every 70 to 100 hours, replace at about 250 hours.

To clean and regap spark plugs:

Remove plugs and scrape inside the shells and insulators with small pen knife to remove carbon and other deposits.

Remove oil by soaking plugs in commercial solvent. Brush away residue.

After the plugs are dry, file electrode firing surfaces with a special file which is attached to your spark plug servicing tool (sold by farm equipment dealers). Surfaces should be bright, parallel, and flat.

Use spark plug tool to adjust electrode to the gap recommended in manual. Bend ground (outside) electrode away from and then back down to center electrode.

Note: Make this gap adjustment accurately. Wide gaps will cause misfiring, and narrow gap will cause rough running at low speed.

Replace plugs with snug fit but not too tight. Gaskets must be in good condition.

Always check new plug gaps before installing. They are factory-adjusted for an "average" setting which might be inadequate for your tractor.



Today's High-Powered Tractors Demand It!

TRACTION SURE-GRIP

with "TORQUE CONTROL"



Delivers Traction-Action at the Point of Power

Modern tractor power is on the upsurge. And so, too, is "torque"—the work-producing extra twist delivered to the drive wheels. To keep pace with these developments, you need tires of special design and unusual stamina.

That's just what you get with TRACTION SURE-GRIP—the tractor tire engineered especially for the stepped-up torque of today's farm machinery. It turns the *twist* of torque into *bonus* traction-action on the newest, most powerful tractors.

And 3-T, too

TRACTION SURE-GRIP is sinewed by Goodyear's exclusive 3-T Cord, triple-tempered to be triple-tough and strong. It resists buckling, buckle breaks, cracking and rim slippage—withstands the furious pounding of rocks and snags and the extra strains at lug bases.

Along with Goodyear's famous tread design, *ruler-straight* lugs and "Wedge-In" action—you have a tire that capitalizes on all the power of your high-torque tractor.

See the TRACTION SURE-GRIP with "Torque Control" on the very latest farm tractors—or call your nearest Goodyear dealer. Goodyear, Farm Tire Dept., Akron 16, Ohio.

Tops in front tire performance

NEW SUPER RIB

3 ribs for better steering, better flotation, better wear!



FARM TIRES BY

GOODYEAR

Sure-Grip—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio

MORE FARMERS PREFER GOODYEAR TRACTOR TIRES THAN ANY OTHER KIND!



RUGGED Lee RIDERS

score in
the schoolyard!

Driving in for a lay-up or going up for a rebound, Lee Riders are built for action ... and made to take it! They're shaped better so they fit better. They hug the legs and cling to your back. They look rugged and they are rugged—the toughest denim ever built into "Go" Clothes. No-scratch rivets! Sanforized! Satisfaction guaranteed with these authentic cowboy jeans or your money back, or a new garment free!

Leesures by Lee

something new



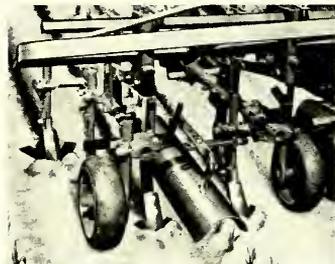
Portable oiler and greaser can be used with farm tools and equipment with grease fittings. Greaser gives 3,000 pounds pressure p.s.i. Plews, 701 7th St., South, Minneapolis 5.



Identify nutrient deficiencies in crops with PROFIT PLANT Diagnostic Kit. Includes pictures, instructions and test materials. Plant Science Products Co., 1409 Powell St., Emeryville 8, Calif.



"The Snorkel" is inserted into rumen of bloated animal. Bulb in left hand inflates balloon which floats in the stomach and lets gas escape through tube. NASCO, Fort Atkinson, Wis.



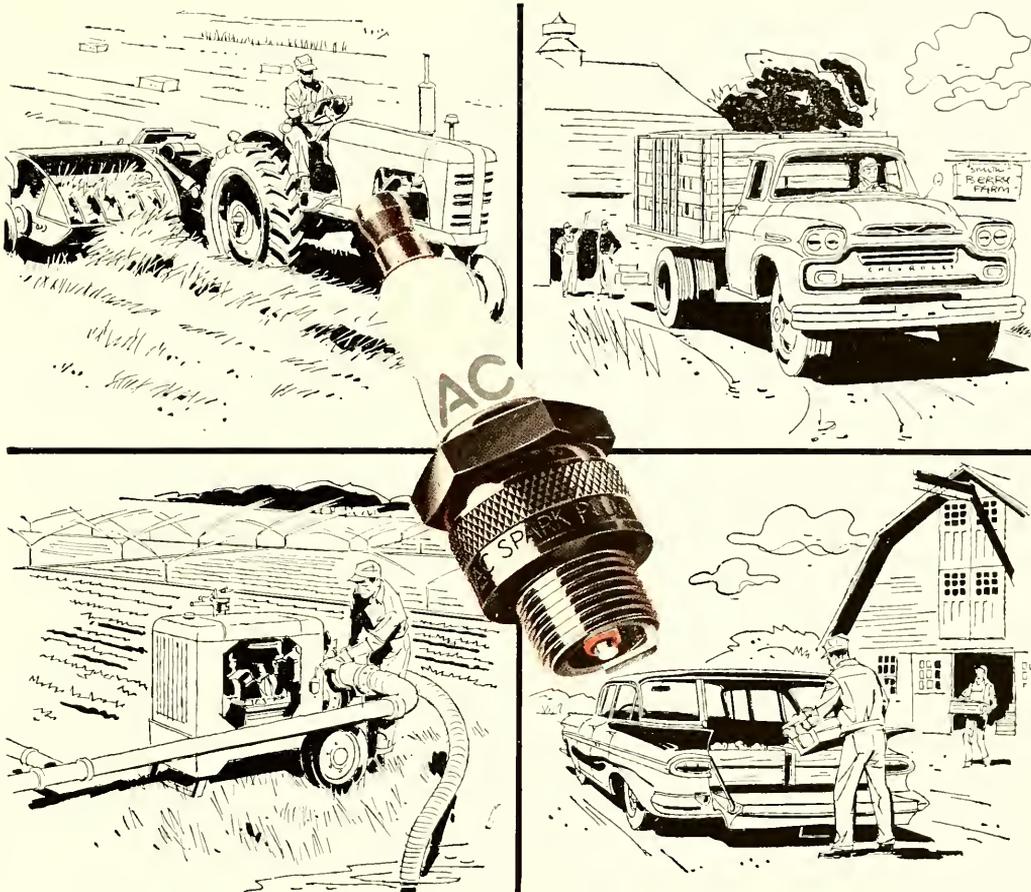
Adjustable hooded cultivator shield protects young crops while plowing or cultivating. Trips back when it hits stone or heavy sod. Details from Pigeon Mfg. Corp., Pigeon, Mich.



Here's a 300-piece, do-it-yourself kit for making lures, spinners, and other fishing tackle. Includes hooks, snaps, springs, and other gear. The Conrad Co., Box 989, NF-9, Minneapolis 40.



Outdoorsmen and home snackers will like this hand mixer. Operates on a single flashlight battery, ideal for picnics, is easily cleaned. Jet Corp., Commercial Trust Bldg., Philadelphia.



AC Hot Tip Spark Plug types cover the entire range of farm engines!

AC specifically engineers a type of spark plug for each make and model farm engine to assure maximum performance.

Your engines will benefit from the exclusive AC Hot Tip. This Hot Tip burns away combustion deposits before they can harden, cause misfiring, lead to loss of power and fuel. Only AC has the Hot Tip feature, and every AC Spark Plug employs this principle. You can insure top power production in all your farm engines, even those calling for resistor,

tapered seat or extended tip spark plug types, by asking for AC Hot Tip Spark Plugs. Your nearby AC Supplier has them.



AC SPARK PLUG ⚙️ THE ELECTRONICS DIVISION OF GENERAL MOTORS



North Dakota Governor John Davis accepts an official FFA flag from State President Loren Stadig. It is scheduled for permanent display in the Governor's Bismarck office.

The National FUTURE FARMER will pay \$5 for each picture used for Photo Roundup. Send pictures with complete information to The National FUTURE FARMER, P. O. Box 29, Alexandria, Virginia.

photo

roundup



Future Farmers at Garden Spot, Pennsylvania, charge ten cents a ride for this tractor-drawn concession at local fairs. Glenn Book, left, and Tim Deacon are manning this "kiddie tour" business which last year brought in \$160.



Visiting Indian tribal delegates receive copies of The National FUTURE FARMER from Associate Editor Joe Boyd, seated. At left is William Saupitty, Comanche; Robert Goombi, Kiowa, center, and William Berry, Apache, right.

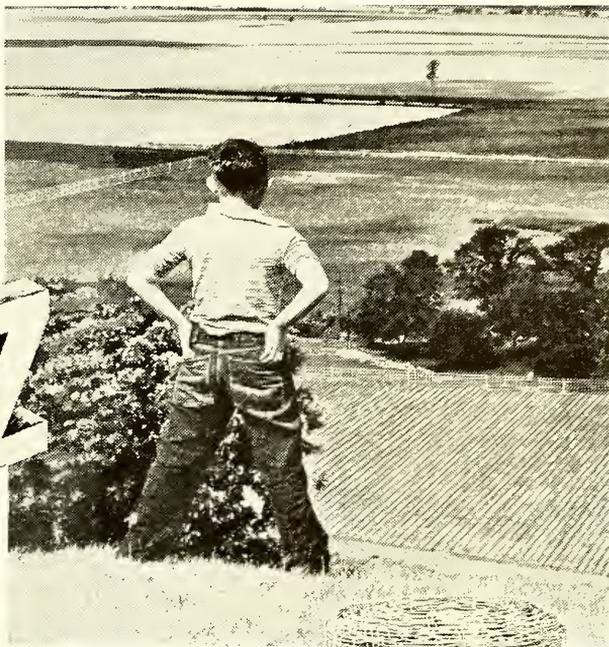
National Vice President Tom Stine chats with Chillicothe, Missouri, FFA Sweetheart Lynne Melton at a local banquet.



These three Future Farmers are identifying rafter types in competition at the annual Kansas Farm Mechanics Contest.



The Fence That's Never Been Built ...TILL NOW!



Better
From...

BRAND

Stretches Fence Life Farther Into the Future

That's right! Because of the new aluminum-zinc alloy coating of Sheffield A to Z brand fence, and the higher strength special analysis steel, you can expect this new fence to last half again longer than ordinary woven wire fence.

You get not only longer service life, but also important savings over the long pull. Why? Because one-half to two-thirds the cost of fencing is labor. So the fence with longest life, and least maintenance, costs you less per year of service. Moreover, Sheffield A to Z brand fence, with its extra strength and extra durability, costs you no more at the start.

50% Thicker Aluminum-Zinc Coating

Gauge for gauge, Sheffield A to Z brand fence combines the highest tensile strength and greatest ductility of any farm fence built up TILL NOW. And it's double-armored against rust with two highly corrosion-resistant metals: aluminum and zinc combined in a coating 50%, or more, thicker than regular galvanizing. Sheffield's patented alloying process also results in a tighter bond of coating to steel.

See the big difference at your Sheffield Dealer's

Yes, you can see and feel the difference in A to Z brand fence. Stop in at your Sheffield Dealer's. And while you're there, ask about Sheffield's famous "100" barbed wire. It tests up to 20% stronger than any other barbed wire, yet is pliable and easy to handle.



SHEFFIELD DIVISION



ARMCO STEEL CORPORATION

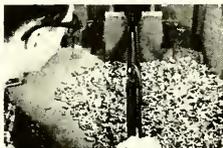
OTHER DIVISIONS AND SUBSIDIARIES: Armco Division • The National Supply Company • Armco Drainage & Metal Products, Inc. • The Armco International Corporation • Union Wire Rope Corporation • Southwest Steel Products



Amazing structural-nylon and ordnance steel design gives new 22 autoloader unsurpassed accuracy

- Weighs just 4 pounds
- Chip-proof, warp-proof
- 3-point bedding
- No lubrication

Here's a major advance in rifle making. The same structural-nylon used in industrial machinery has been used to create a gun stock that is chip-proof, water-proof, oil-proof and warp-proof. Revolutionary integration of stock, ordnance steel barrel and nylon receiver means friction-free steel parts ride on nylon bearings. There's no break-in period, no need for lubrication. The resulting accuracy and efficiency has never before been obtainable in an autoloading 22. Mohawk Brown and Seneca Green stocks have clean, sharp checkering, white inlays. Magazine holds fourteen 22 long rifle cartridges. At your dealer's office.



A LIFETIME OF RIFLE PUNISHMENT was concentrated in the Remington laboratories to test the Nylon 66. The gun was rapid-fired for 5 hours without a jam. The Freeze Box, Heat Box, Rain Box and Dust Box produced severe weather conditions, but failed to clog the action.

New

NYLON 66

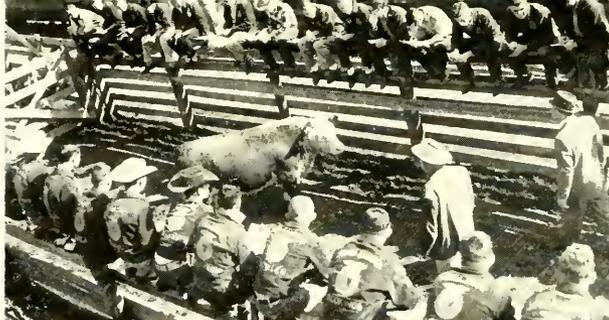
\$49⁹⁵*

*Price subject to change without notice.

Remington



Remington Arms Company, Inc., Bridgeport 2, Conn. In Canada: Remington Arms of Canada Limited, 36 Queen Elizabeth Blvd., Toronto, Ont.



Thrill of a lifetime . . . and quite an honor to be a state winner and compete in a judging contest at the National FFA Convention.



It's Convention Time!

By Adin Hester, National FFA President

CONVENTION time is just around the corner, fellows. The 1959 National FFA meeting is scheduled for October 12 through 15 at the Municipal Auditorium in Kansas City.

Last year's pre-registration system worked fine. It turned out to be a real time saver, and will be repeated this year. In case you've forgotten, here's how it works:

First, there's no individual registration. Every Future Farmer planning to attend should obtain an official registration card from his local advisor some time after August 1. They will not be available at the Convention.

Fill out the card completely. Then have your school superintendent or principal and your parents sign in the spaces provided. American Farmer candidates, official delegates, and Foundation award winners need not have their applications signed. They will be registered individually.

Turn the completed card over to the adult in charge of your group, who will present it to officials at the registration desk in Kansas City. He will receive identification cards, convention programs, and other material for all members of his group. State, area, and district groups are preferred, but chapter delegations will also be handled. As you know, this procedure eliminates unnecessary crowding and long lines.

Local advisors may obtain official registration cards on request from their state offices along with copies of a special booklet titled, *You and Your National FFA Convention*. This book is a helpful list of valuable do's and don'ts for Kansas City "tripping," guaranteed to help you have a good time.

Registration is scheduled to get underway at 8:30 a. m., Monday, October 12, in the Municipal Auditorium. Di-

rectors of the National FFA Band and Chorus will act as adults in charge of these groups; and participants in the national judging contests will register twice—once with their regular groups and again on Tuesday morning at 9 a. m. with their respective contest coaches.

Special attention should be accorded the individual member identification cards. They will be required for entrance to various Convention functions.

A special booth will be maintained for registration of FFA Foundation donors and representatives of their companies or organizations.

We're hoping for a record turnout in Kansas City this year. Indications point to a fine program. Business sessions will determine FFA policy for the coming year. Special entertainment will add luster to each day's activity. And speeches by respected agricultural leaders and educators will highlight all sessions. I'll see you there.

NATIONAL DAIRY JUDGING CONTESTS AT WATERLOO, IOWA

Contestants in dairy cattle and dairy products judging contests will register at the Naval Reserve Center from 9 to 5 on October 4. Dairy products contestants can also register all day October 5.

The Dairy Cattle Judging will be at the Dairy Cattle Congress on October 5 at 10:30 a. m. At 7:30 p. m. that evening will be the Arena Parade and presentation of National Dairy Farming awards in the Hippodrome.

Judging dairy products will be on October 6 at 8 a. m. and the banquet and report on contests at 5:30 p. m.

Lilly INTERVIEWS

HARVEY GITTLESON, COMPTON, ILL.



“Hygromix is convenient . . . automatic . . . gets job done”

“In the old days you'd keep putting the worming off,” says Mr. Gittleson. “Pretty soon the pigs and the worms were both good-sized. Hygromix feed does the job automatically.”

by Eugene S. Hahnel

Harvey Gittleson ships 500 to 550 hogs to market a year from the Cobb farm near Compton, Ill. He breeds his sows to farrow in February, and again in July. At each farrowing, he averages around 9 pigs weaned per litter from 30 sows. Controlling worms is a continuous problem on his farm.

“I used to have to worm twice with medicine in the drinking water,” Harvey explains, “and it took a lot of time. The medicine still didn't really get the job done. I like Hygromix much better because it's right there in the feed every day. You get the worms before they get started. I think a man can afford to feed Hygromix feed to at least 100 pounds.”

Mr. Gittleson likes to use a complete feed until his pigs

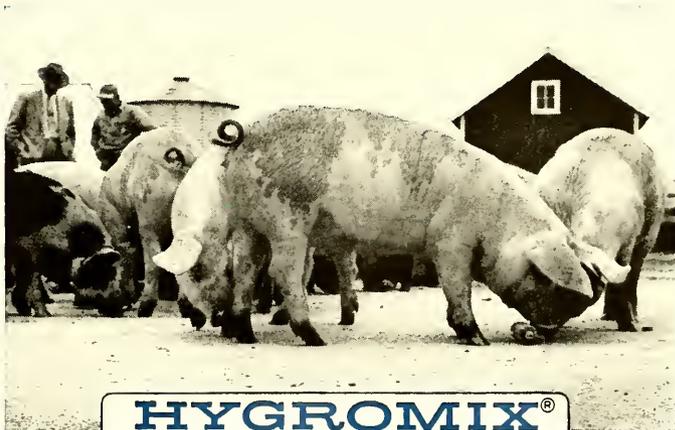
reach the 100-lb. level. “I find that the extra nutrients pay off,” he explains. “For example, my fall pigs made a pound of gain on each 2.02 lbs. of complete feed, at a cost of only 7.8¢ per pound of gain. Yes, that included the Hygromix. I can certainly recommend Hygromix in the feed. It's money well spent.”

There are four reasons why Hygromix in feed “gets the job done” for Mr. Gittleson . . . and can for you, too. It kills baby roundworms, nodular worms, and whipworms as they enter the intestinal tract. It prevents these worms from laying eggs. It protects pigs throughout their critical growing period. And finally, Hygromix does all these things continuously, automatically . . . as you feed.

Mr. Gittleson is convinced that plenty of fresh water is a very important part of good swine management.



Spring pigs are kept on concrete all the time. Occasionally Mr. Gittleson turns fall pigs out on pasture. He tries to market 200-pound hogs in 5 months.



Eli Lilly and Company • Agricultural and Industrial Products Division • Indianapolis 6, Ind.

Makers of **STILBOSOL**® (diethylstilbestrol premix, Lilly)

August-September, 1959

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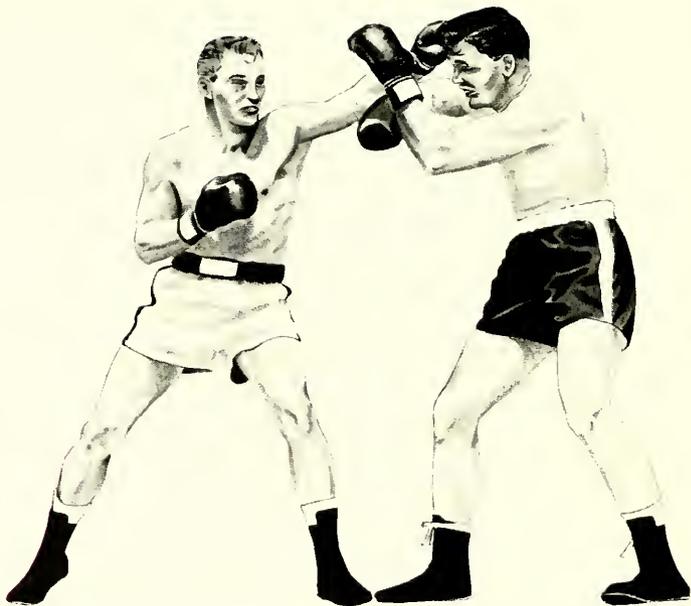


THE FIGHTERS

It was a clean hard fight.

No two boxers were ever more evenly matched than this pair.

By Murray T. Pringle



Time and again his nimble feet enabled him to dance back from Brown's left jabs.

THE LITTLE KANSAS TOWN hadn't known so much excitement in years. And it all centered about the slender, athletic, tow-headed youngster who was striding along the street hugging a newspaper-wrapped bundle under one arm. The package contained a pair of rubber-soled shoes, a sweat shirt, and a pair of boxing trunks.

"Hey! For Pete's sake slow up, will you!" gasped the short fat youngster beside him whose legs worked like pistons in a futile effort to keep up. "You're gonna wear yourself out before you even get in the ring. Take it easy!"

His companion grinned. "Okay, Fats, just to keep you happy. But I never felt better in my life."

Fats stared at his friend. "Aren't you scared? Just a little?"

The tow-headed youngster, who was the town's star athlete, shook his head. "Of course not. What's there to be scared about? It's just a boxing match, not a duel with guns or knives."

"Aw, you know what I mean!" Fats snorted. "This guy you're gonna fight is a professional, he knows all the tricks. Me, I'd be scared stiff to fight a professional boxer!"

"You've got the wrong idea, Fats," said his friend. "Always go into any game figuring you're going to do your best to win. Never be bluffed by a fellow's reputation. Respect him, but don't let him buffalo you. If you do, you're licked before you start."

"Besides, this isn't a fight, it's a boxing match. Some folks in town think Frankie Brown is the best boxer and a few think I am. So we're having a

friendly little bout to see who's right, that's all."

"Hah!" said Fats skeptically. "The way I look at it when a guy winds up with a black eye or a bloody nose or maybe even a couple of busted ribs, he's been in a fight, believe me!"

The ring was a makeshift affair; a canvas strip marked by iron posts at the corners with heavy ropes strung between. Hundreds of spectators studied the slim, muscular youth as he made his way to the ring and climbed through the ropes. Already in the ring, smiling confidently, was his opponent, Frankie Brown, stocky, thick-necked, ring-wise.

The boy acknowledged the presence of his friends who shouted: "Show 'em, boy!" with a brief but warm smile. Then the bell rang, summoning him to action; the bout had begun!

The Kansas Kid was lean, rangy, and fast; and his excellent footwork, which he had spent much time developing, proved to his advantage. Time and again his nimble feet enabled him to dance back from Brown's stinging left jabs and powerful right hand punches. Then he would dart in and score a series of healthy blows on his opponent's stocky frame.

But for every one the Kid landed, he received an equal measure of punishing body blows. By the time the first furious round had ended, the kid from Kansas realized it was going to take some tall doing to defeat Frankie Brown. His only chance for a clear-cut

victory lay in his ability to outmaneuver the pro.

Midway through the second round, he began to have his doubts about this, too. Brown was a shrewd article and a past master at ring tactics. The professional leather pusher would unleash a series of accurate, telling blows at the Kid's head. Then he would abruptly shift his attack to the body, delivering a rapid-fire series of power-packed punches that left the Kid gasping.

Not that the Kid was a punching bag; far from it! The youth's agility and the blows he directed at his target with the speed, accuracy, and power of a guided missile brought a respectful light into the eyes of Brown, the professional.

And so it went, round after round. It was a clean, hard fight waged by two natural-born fighters. Both Brown and the Kid possessed fine attacks; both practiced a beautiful defense that prevented the other from winning too many points. The Kid, try as he would, couldn't overshadow Brown's clever boxing skill, but neither could the stocky slugger score a clear-cut decision over the youth. There was no doubt about it: no two boxers were ever more evenly matched than this pair.

Well, there was only one way such a bout could end. It was declared a draw. And strangely, when the official verdict was announced, there wasn't a single voice raised in protest. Everyone who witnessed the fight agreed unanimously that both boys were good and



Power protection pointers from Perfect Circle...

Good engine housekeeping can double engine life

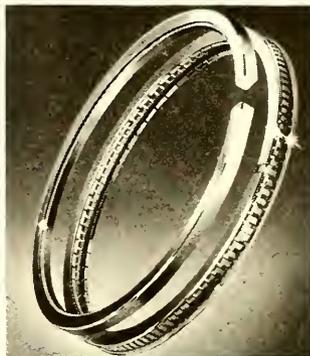
TAKE THESE THREE POWER PROTECTION STEPS...



1. Check the entire intake system to be sure that no unfiltered air enters the engine.



2. When you take an engine apart, cleanliness is a must. Thoroughly clean all parts before reassembly.



3. Install Perfect Circle 2-in-1 Chrome Piston Ring sets to more than double life of rings, pistons, cylinders.

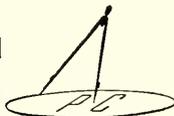
Take every precaution you can to keep dirt from entering an engine during operation. Service air cleaners at frequent intervals and check all connections in the air intake system for leaks that would allow unfiltered air to enter the engine. If necessary, use a gasket sealing compound on inlet air line joints to maintain an airtight seal.

When you take an engine apart for repairs, cleanliness is a must. Clean all parts thoroughly and reassemble the engine in a section of the shop that is free from dust and dirt. If it is necessary to bore or hone the

cylinders or liners, first cover the valve ports (in L-head engines) and crankshaft to keep them clean. After honing, thoroughly clean the cylinder walls with #10 engine oil and *clean* rags. Never use kerosene, gasoline (unsafe for cleaning of any kind), or solvents for this operation because they will not remove the abrasives from the cylinder surface.

Next to good engine housekeeping nothing adds more to engine life than Perfect Circle 2-in-1 Chrome Piston Ring sets. Top Chrome compression rings and Chrome oil rings double the life of pistons, rings, and cylinders.

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then some. And that's something that almost never happens among boxing fans!

Smiling happily, the Kid wrapped up his boxing gear and started home. He had gone maybe a block when he heard running footsteps behind him and a voice called: "Hey, there! Wait up!"

The Kid turned and saw Frankie Brown. "Hey, kid, how about having a glass of milk and a sandwich with me? I'd like to talk to you."

"Sure thing, Brown," smiled the kid. "Glad to."

As they ate in a corner lunchroom, Brown said, "Kid, I don't want this to sound like I'm buttering you up, but you'd be a natural in the fight game. You've got a smart left." He touched

a hand lightly to his cheek and grinned. "Believe, me, I know! And you carry a heavy punch. Not only that, but you think on your feet. Pal, you fight, period!"

By the time the two young men had downed the last of their milk and sandwiches, Frankie Brown had painted a glowing picture of the fight game. The Kid grinned and shook his head. "It sounds great, but I've got other plans. I like boxing, sure, but only as a sport. I wouldn't want to make a career out of it."

"If you're really good, you can become a champion and make a whale of a lot of money," Brown pointed out.

The Kid nodded. "I know, but a boxing career never lasts too long. By the time you reach your thirties, you're usually washed up. What I want to do is go to college and get a good education."

"Well, look now, let's argue this awhile," said Brown, ordering two more glasses of milk. "Let's hear your ideas."

The discussion lasted almost another two hours and when it was finished there was no draw this time. The professional fighter, who had sought to convince the Kid that boxing was his dish, had instead been swung over to the youngster's side.

As they prepared to part and shook hands, Brown said, "Well, Kid, only time will tell who was right but I'm going to take your advice and get a college education myself. Even if it means washing dishes and sweeping floors to make it!"

"I don't think you'll be making a mistake, Frankie. A fellow's got to have the best education he can get nowadays if he wants to make out."

"Maybe so," Brown nodded. "And look, forget that Frankie Brown stuff, huh? That's just my ring name. My real name's Rockne—Knute Rockne. That reminds me. If I should want to write you how do you spell that name of yours? It's a beauty!"

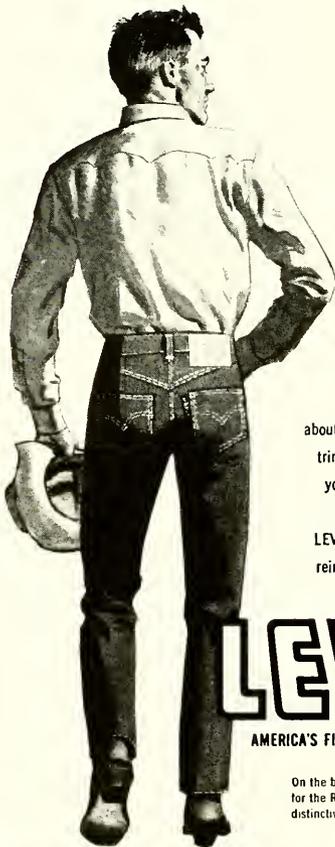
The Kid smiled. "Yeah, it is kinda tricky. E-i-s-e-n-h-o-w-e-r. Dwight Eisenhower," was the reply. . . .



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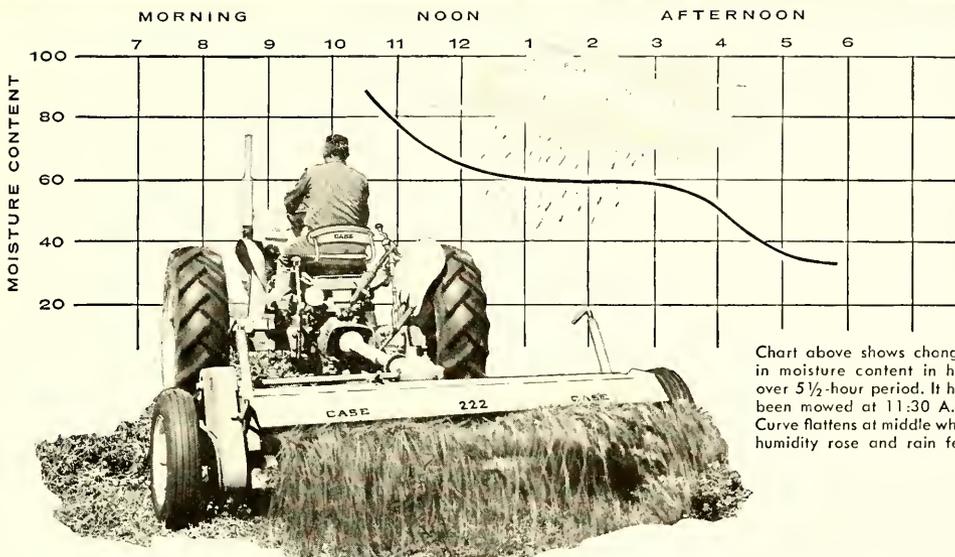


Chart above shows changes in moisture content in hay over 5½-hour period. It had been mowed at 11:30 A.M. Curve flattens at middle when humidity rose and rain fell.

CASE® hay conditioner engineers **WELCOMED** an unexpected shower!

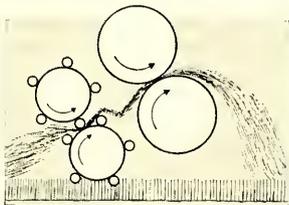
It started as a routine test. Case engineers were measuring the crimping *and* crushing efficiency of the new Case 222 hay conditioner . . . in relation to conditioners that crimp *or* crush only. At 11:30 A.M. the hay was mowed, and immediately conditioned. Moisture checks were taken at hourly intervals . . . of both hay conditioned with the Case 222 conditioner and with competitive machines.

Shortly after 1:00 P.M., the humidity rose. At 1:40 P.M. a light shower passed over.

Should the test be cancelled? No . . . Case

engineers saw a real opportunity. Every day, farmers were experiencing the same unexpected showers during *their* hay making.

Regular moisture checks were continued. The final check at 5:00 P.M. gave the answer! *In spite of the shower*, the hay conditioned with the Case 222 was ready for baling and modern mow drying . . . 5½ hours after cutting. The next best sample (from other machines tested) showed a 6% higher moisture content . . . making it necessary to hold off baling until the following day.



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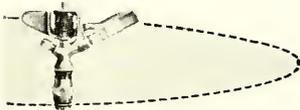
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Partners in Wildlife



TEAMWORK. That's the secret of success, and humans are not the only ones to practice it. The wildfolk, too, have learned the value of co-operation. As a case in point, take the business partnership of Messrs. Ratel and Honey Guide. Senior member of this firm is the ratel, a powerful, sharp-clawed animal about the size of an American woodchuck. His partner is the honey guide, a small, grayish-brown bird, no bigger than a bluebird.

These two, both inhabitants of Africa's vast grassy savannahs, pool their efforts and talents and the net result is highly satisfactory to all concerned. Both the ratel or "honey badger" as he is sometimes called, and the honey guide have one thing in common—they both love honey. That is, the ratel does; his partner much prefers the grubs of bees and wasps although she does occasionally sample the sweet product.

However, there are problems to be met in the gathering of such sweet loot and that's why this unique partnership was formed. The honey guide would be no match for several thousand infuriated bees; and the badger, having such short legs, is unable to make the long investigation necessary to ferret out the hives. Therefore, these two critters have joined forces and split the work involved. Honey guide acts as "advance scout," flying on ahead in search of hives.

After spotting one he or she (both sexes act as guides for the ratel) turns "stool pigeon" and races back to his partner who calmly awaits the scout's return. Honey guide dances excitedly about in the air above ratel's head, crying shrilly: "Cherr! Cherr!"

This the honey badger interprets as meaning: "Hey, I've found a hive. Looks like it's loaded. Let's go, partner!"

Honey guide leads the way, chat-

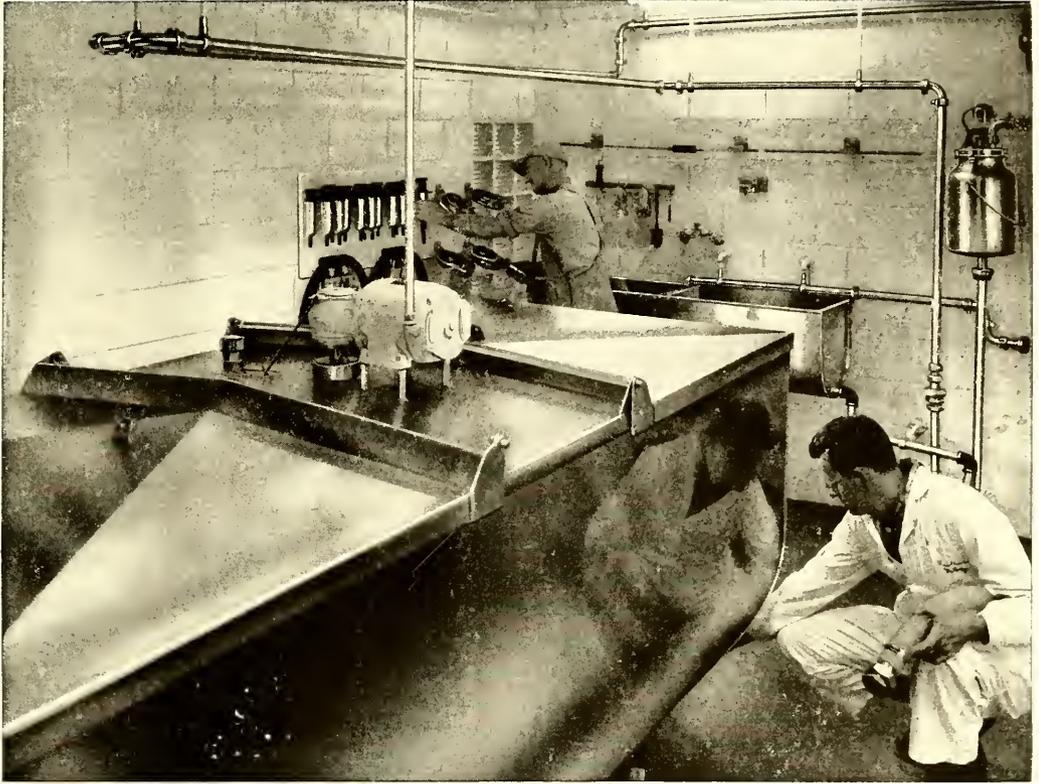
tering excitedly all the while with the ratel lumbering along behind. Every so often honey guide has to wait for his slow-moving partner to catch up. When they reach the hive, the bird perches on a tree and rests while ratel takes over the second and final phase of "Operation: Honey Hunt."

And this is but one of many co-operative ventures to be found in the "Land of the Wild Ones." Perhaps even more incredible is the case of "Dr. Ziczac" and the crocodile. Here is fact that reads like fiction because it deals with the strangest of all partnerships: that of a croc and a bird! Now, by all the rules, crocodiles and birds should be the last creatures on earth to form a partnership, for it is a well known fact that any crocodile will walk a mile for a bird supper. Nor does it matter what KIND of bird. A crocodile was once found to have swallowed a full-grown vulture, and any critter that will eat a vulture can hardly be classed as a fussy eater!

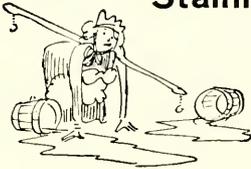
Yet there is one bird who either disregards such danger or else has a boundless trust in his fellow creatures. This is the spur-winged plover, a gray-colored bird, roughly the size of a small pigeon with a sharp spur on the wrist joint of each wing. These spurs, as you shall see, are vitally important to the plover's welfare.

Crocodiles, as you know, spend the greater part of their lives in the river's muddy waters. Also, they are plagued by a worm-like pest called a leech, which infests their mouths. That's where the spur-winged plover, or "ziczac" as he is sometimes called, comes in. He, believe it or not, is the great reptile's "dentist."

As the armored savage basks on the sandy shore, he opens his great mouth to the western breezes and the little ever-present plover hops fearlessly into the great jaws. The cruel mouth slowly



Stainless steel proved best for handling milk in bulk



Ever since the first dairymaid slipped and fell headlong into the pool of spilled milk, dairymen have tried to devise better ways of handling milk. They found improvements, but a lot of spilled milk was cried over before they found that the real answer was to handle milk in bulk . . . with Stainless Steel.

In 1949, there were fewer than 2,000 bulk milk tanks in use . . . and those mainly in California. Then United States Steel cooperated with the University of Wisconsin and equipment fabricators in developing accepted methods for handling milk in bulk—and equipment to do the job. U. S. Steel helped to point out the advantages of this new system to dairy farmers throughout the country.

As a result, there are now over 125,000 bulk milk tanks in use that handle over one half of the milk produced for fluid consumption. If you would like information on bulk milk handling, write to United States Steel, Agricultural Extension, 525 William Penn Place, Pittsburgh 30, Pa. *USS is a registered trademark*



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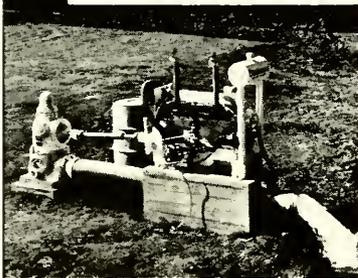
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closes and that would seem to be that. Uh-uh. If you could look inside, you would see little "Dr. Ziczac" busily picking bothersome leeches out of the croc's bridgework, at the same time helping himself to any food particles left clinging to the vicious teeth.

Deeply grateful for this service, the croc takes great pains not to forget himself and accidentally swallow the dentist. The job done, "Dr. Ziczac" prods the roof of the saurian's mouth with his sharp spur. As though actuated by a spring, the great jaws spring open and out hops the plover to digest his second-hand meal and visit his next "patient." Another case wherein everybody is satisfied!

"Wildlife, Inc." has undersea branches, too. Here we find, among others, sea anemones traveling aboard the backs of crabs. The flower-like anemones pay for this transportation by protecting the crab via camouflage and stinging to death sea creatures on which both the crab and sea anemones feed. Also, it drives off some of the crab's many enemies.

Not all wildlife partnerships are "two-man" arrangements between different species. Sometimes a co-operative venture is launched for the benefit of many. A famous English naturalist named Cherry Kearton once told of seeing a band of "civic-minded" penguins build a safety highway!

Mr. Kearton spent a year on an island which was a breeding ground for these odd little creatures and had ample opportunity to study them. Every morning, according to Mr. Kearton, an army of penguins toddled down to the sea for a swim, using long established, much-used penguin paths. These routes, often crossed sections of bare earth which became slick and slippery during wet weather, making it impossible for the birds to walk upright. This posed quite a problem, but they were equal to it.

Gangs of penguins were put to work pecking at the ground, turning it into a maze of ridges, like a gridiron. It took many hours of hard labor; but when at last it was finished, the paths had been transformed into an evenly-ridged thoroughfare over which moved thousands of penguins in a dignified manner befitting their genteel appearance. Another example of a wildlife community pitching in to create civic improvement!

And these are but a very few of the many examples of teamwork to be found wherever there are wildfolk. Partnerships the sole property of man? Don't you believe it. The wildfolk invented and were enjoying such profitable alliances when our ancestors were still busy banging each other on the heads with stone axes!

—Murray Pringle

The National FUTURE FARMER



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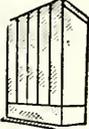


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A Future Farmer Tells . . .

WHY I WANT TO FARM

I KNOW NOW what I want out of life! I want to be a farmer.

To me a farmer has a greater opportunity to increase his knowledge, as well as his dollar value, than any business I know. Farmers today must know how, when, and why to plant crops so they will bring him the largest yield per acre. There is nothing quite so rewarding as to see excellent crop returns when one has worked many hours to achieve them. As we all know a farmer's day is a long one.

There are many types of farms, but a dairy farm is what I want. In dairy farming, you are working with both animals and the soil, besides providing food for many people in the cities. Planting crops, watching them grow, and the harvesting of them will provide anyone with a great challenge. I like to take these risks and see what I can do with them. It's fun to plant new crops and watch them develop.

I have always dreamed of owning a farm some day. I tried to buy a farm across the highway from where I now live, but the owner does not want to sell at this time.

I own five head of registered Holstein cattle; two cows and three heifers. I would like to buy two more cows and a few calves to go with the ones I already own. I have exhibited my animals at county fairs where they have placed very well. I am saving the premium money to invest in a farm. I have lived on a farm all my life and have learned a lot about dairy cattle.

To be a successful farmer today you have to have special training. You no longer can buy a few cattle and expect to make a living. The farmer is faced with the possibility of selling his products for lower than cost, while the cost of living increases. To be a successful farmer today, a person must have a good high school or college education so he can overcome the problems that may face him. I feel that with the education I will get, and with the experience I will have gained, I will become a successful farmer.

The above was taken from a state winning essay written by Robert Mouncer of the Elma, Washington, FFA Chapter. Ed.

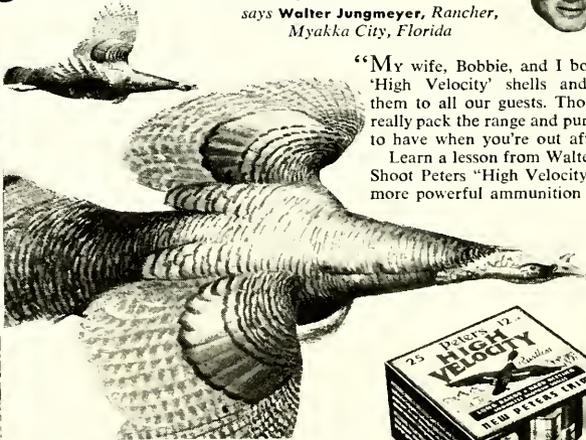
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The National FUTURE FARMER



This Future Farmer knows that fertilizing alone doesn't always produce maximum yields. He observes as lime is applied to pasture land with a truck.

It's TIME to LIME

By Emil S. McCarty

IT HAS BEEN estimated that 161 million acres of land in the United States would be improved by applications of lime—a farming practice that dates back two to three hundred years before Christ.

Lime is applied to the soil for a number of reasons. Probably the most common benefit is to neutralize soil acidity. This creates a soil condition favorable to the growth of the majority of crops. It also enables growth and activity of desirable soil bacteria.

Liming aids in the control of some plant diseases. For instance, the organism that causes clubroot of certain vegetable crops and take-all of wheat cannot thrive in a soil that is properly limed. In addition, liming aids in controlling temporary plant disorders caused by lack of available iron, manganese, and boron.

Certain plant-food elements are applied when lime is added to the soil. Calcium, magnesium, and most of the minor plant-food elements are contained in liming materials. This is particularly true of dolomitic lime. Generally, liming materials are not regarded as fertilizers. However, they should be looked upon as such when applied to soils low in calcium or magnesium.

Liming makes certain plant-food elements in soil more available to plants. There is evidence that plants take up more phosphorous and nitrogen in properly limed soils. Other nutrients are likely affected. Thus, greater returns are obtained from fertilizers when the soil has been properly treated with lime.

In some soils, structure is improved by the use of lime. Soil structure refers to the arrangement of soil particles,

which has an effect on the soil's physical condition.

Certain weeds cannot thrive in soils that have been limed. This reduces costs of cultivation and increases the amount of fertility available to the crop.

Lime is essential for best results from legumes. Not only is growth increased, but the amount of nitrogen that the plants add to the soil is raised when liberal quantities of lime are present. Alfalfa, for example, is one of the heaviest feeders on calcium.

Liming is a beneficial practice in conjunction with green manuring. An acid soil is unfavorable for decomposition of green manuring crops and for changing of nitrogen in the organic matter to a form used by plants.

Type and amount to use should be decided only after a *reliable soil test has been made*. Acidity of the soil, cost of applying, expected returns, soil texture and structure, crops to be grown, and the number of years between limings have some effect on types and amounts to use. Therefore, each should be considered with the aid of a reliable soil test when making this decision.

Liming materials may be applied to the soil in several ways. A popular way is by the use of trucks with special bodies and centrifugal spreaders. These are commonly used by custom operators. Fertilizer spreaders will do a good job but are not as convenient as the truck.

Disking or plowing the lime into the soil is advisable on row-crop land. On pasture land, favorable results have been obtained by leaving it on top of the ground. However, if the soil is to be broken, better results from the lime can be obtained by turning it over.



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2. Catfish—The largest catfish caught regardless of species. (Not eligible to compete in class one.)
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4. The greatest number of pan fish caught in any one day.

CONTEST RULES

1. Anyone can enter the fishing contest if he is under 21 years of age at the time he catches the fish.
2. Your fish must be caught between April 1 and September 2, 1959. Your entry must be postmarked not later than midnight, September 2, 1959.

ENTRY BLANK

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PLEASE PRINT

1. If entering Class 1 or 2 fill in this part:

Kind of fish Weight: lbs. ozs. length

(Exact name: whether trout is Brook, Rainbow, Lake; bass is largemouth, smallmouth, etc.)

If entering Class 3 or 4, fill in this part:

Weight of fish lbs. ozs.; Number of fish caught

2. Where caught Date caught

Caught in fresh water; Salt water

3. Caught with: Rod & Reel; Spinning Rod; Fly Rod; Other

4. Caught by: (Your name) Age

Address: City State

5. Signature of parent or ag teacher

Your ag teacher or parent must affirm your entry by signing it. They do not have to see you catch the fish, but must see the fish. They must certify the kind, weight, and length of your fish; or in the case of the pan fish classes, must certify the number or weight of your catch.

Mail entry to Fishing Contest, THE NATIONAL FUTURE FARMER, Box 29, Alexandria, Virginia.

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No. 34—When the Unexpected Happens could be a lifesaver. Gives pointers on caring for shock, bleeding, broken bones, poisoning, burns, and snake or animal bites. There's also a section on sunstroke, artificial respiration, fainting, and nosebleed. Tops for home, camping, and vacation use. Also make a good reference for themes or compositions. (John Hancock Insurance Co.)

No. 35—Tips and Tackle is a 24-page booklet listing a heap of useful tips and fishing hints for spinning and fly equipment. This 1959 edition lists the NSFA World Spin Fishing Records, and contains two informative feature articles sure to interest any true fisherman. Why not use this booklet's tips in connection with *The National FUTURE FARMER's* fishing contest which is explained on this page. (Airex Corporation)

No. 36—Star of Your Future is the story of selecting, feeding, managing, fitting, and showing beef project calves and purebred heifers. Plenty of information on financing beef projects, as well as feeding and management tips from well-known experts. You'll profit from the picture story "fitting for the show ring," and list of advantages of purebred cattle. Also has pointers for developing good calves. (American Angus Assn.)

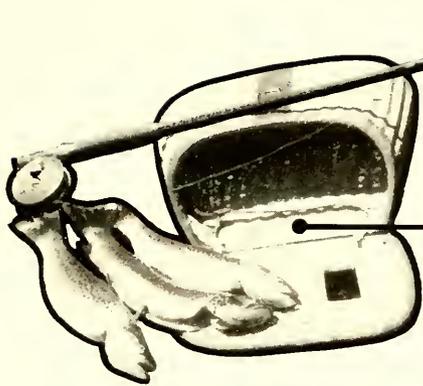
No. 37—Open Door to Plenty tells the story of ag chemicals and how they are used to protect food, property, and health. This is an extremely helpful book about a fast-growing industry. Sixty-four pages of information concerning stages in pesticide development, insecticide application, and laws regulating the industry of ag chemicals. If you're a farmer, ag worker, or ag student, this booklet will be of interest. (Natl. Agri. Chem. Assn.)

No. 38—Indoor Painting will help you carry out one of the organization's purposes—to beautify the farm home. If you've been thinking of re-painting the family kitchen or den, read this now. Here's first-hand information about preparing for the job, using a roller, and painting troublesome spots. A real boon for the handyman. (Natl. Paint, Varnish, and Lacquer Assn.)

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34 35 36 37 38

Offer not good after November 20.



Harvest Your Fish Crop

YOU PROBABLY wouldn't think of hiring someone to fish the farm pond. But you should consider some outside method of recruiting fishermen if your family can't provide 300 to 500 annual hours of fishing for each acre of pond water.

A pond's welfare depends on such management principles as fertilizing, proper stocking, vegetation control, seepage control, adequate fencing, snake and turtle control, as well as frequent eradication of rough species. But it also needs plenty of fishing. Without it the fish population can quickly become unbalanced even if all other precautions are observed. Fish can become so numerous that few will reach edible size and most will only provide a ready food source for larger fish. Results will be:

1. Very few large fish.
2. Many small fish.
3. Rough carp, suckers, or shad.

So invite friends and relatives to fish your pond. An attractive sign might even draw some paying customers. After stocking, it's safe to start fishing a pond when each species has produced a successful hatch of young. Check this out by drawing a seine through shallow water. If young fish from all stocked species are present, it's O. K., but this development may require one to three years.

Patience is an inborn trait, but the

art of fishing can be developed. You can improve fishing odds greatly by casting near submerged brush piles or areas baited with cottonseed cake or maize. Crappie and catfish are especially fond of such areas. Here are some pointers to make your fishing hours enjoyable as well as productive. If any of these fish are in your pond, here's how to catch them:

SUNFISHING is an important consideration. Too many sunfish are a nuisance and only tend to overpopulate a pond. In spring and summer you'll find them very active in shallow water nests visible from the surface. Most cane-pole fisherman decline using line weights for sunfishing and recommend flipping baits out as far as possible before allowing them to sink. Light cane poles and small hooks baited with grubs, worms, crayfish, crickets, and grasshoppers are usually best. Fly rods with either wet or dry lures are often effective. Never return small sunfish to the water, and try to remove a dozen for every bass or catfish caught.

CATFISH provide good year-round fishing and practically any method will bring results. Trotline, cane pole, or rod and reel are recommended, with best results at night. Successful fishermen advise fishing near the bottom over sand or gravel beds when possible.

Deep running artificial baits are sometimes effective, but live bait is most popular. Recommended baits in-

clude crayfish, crickets, minnows, worms, grasshoppers, shrimp, dough-bait, liver, or chunks of fresh fish.

BASS FISHING is good in spring, summer, or fall and is most rewarding at early morning, late afternoon, or night. Bass just aren't active in cold water. Live bait fans should use minnows, frogs, crayfish, or grasshoppers. Deep running artificial baits are useful in cooler months when bass tend to feed deeper. Silver spoons with pork strips are also good.

But switch to surface or shallow-running lures in warm weather when



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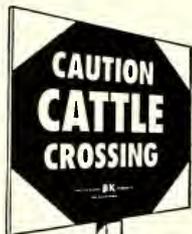


For Poultry

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Todd Willis, Future Farmer from Ringgold, Louisiana, takes his casting rod to the farm pond. Besides enjoying himself, he's also improving his fish crop.





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bass usually feed around pond's edge. Here's a tip from the experts: cast the bait; let it lie motionless a few seconds; flip rod to give bait a "kicking" action; retrieve slowly; then stop and flip rod again. Use several baits in succession when response is poor.

CRAPPIE CAN BE CAUGHT during almost any month, but you'll have best luck in early spring. Expect them in deeper water during winter. Experts say it isn't difficult to bag the legal limit once the exact feeding area and depth are found.

Good fishermen advise retrieving hooked crappie slowly since mouth parts are very tender. Two hooks on a single line often pay dividends. Flies, spinners, and pork rind strips are best fly-casting baits while minnows are most desirable as live bait for small hooks.

FISHING is important to the welfare of your farm fish pond, but never overlook its recreation value. It's a relaxing, peaceful pastime as old as man's need for food. Why not take advantage of these helpful hints now—let's go fishing! ♦♦♦



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By Stan Allen

THE NAME "Yankee Clipper" in some circles would imply the name of a great flying boat but in the baseball world this name always recalls one of the greatest outfielders the game has known. Joe DiMaggio, the New York Yankees' famed star would have to be picked as one of the outstanding outfielders of baseball history.

Born in Martinez, California, in 1914, Joe began his career on the sandlots of his home town. Having several older brothers who played ball, it was only natural that Joe would follow the game. His brother Vince was a good outfielder with the Boston Braves and later on his younger brother Dom became an outstanding outfielder with the Boston Red Sox.

Joe signed his first professional contract with the San Francisco Seals, the team that his brother Vince was playing for at the time. He started his pro career in a big way too as he compiled a .340 batting average his first year and hit 28 home runs. Then after hitting .398 and 34 homers with the Seals in 1935, he earned a ticket to New York's Yankee Stadium in 1936.

For a 22-year-old youngster, coming to Yankee Stadium was handicap enough, but to be following in the steps of Babe Ruth should have been almost too much to overcome. He went on to prove that the Yankee scouts had

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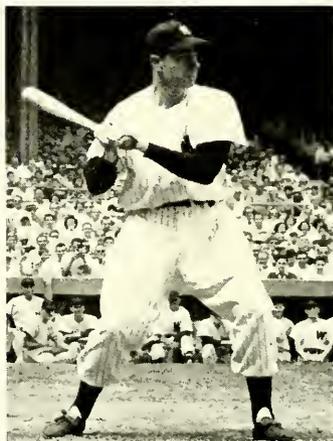
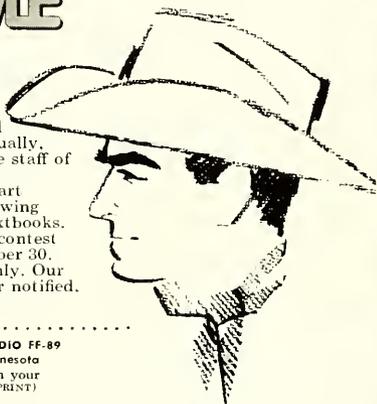
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Wile World Photo

Joe DiMaggio, one of the all time Yankee greats, in his familiar pose.

The National FUTURE FARMER

been right as he registered 206 hits in 637 at bats for an outstanding .323 batting average that first year and also hit 29 homers. He was an outstanding defensive player too, as he compiled a very respectable .978 fielding average that year and recorded 28 assists on put outs to indicate the caliber of his throwing arm.

He did not run into the old sophomore jinx in his second year, as he went on to earn a .346 batting average and clouted 46 home runs to top the league in that department. His batting average fell off slightly to .324 in '38 but he came back strong in '39 to enjoy one of his best seasons. He hit his highest batting average that year with a .381 mark which led the league and also hit 30 home runs. His performance won him the Most Valuable Player Award in '39.

After a good season in 1940, posting a .352 batting average with 31 homers, he came back with a .357 average in '41 with 30 homers. Although this average was not good enough to lead the league, he established a record that year that still stands. After starting fast that year, Joe ran into a slump and then on May 15th in a game against the Chicago White Sox, he hit a line drive single to start one of the longest and hottest batting streaks the game has ever known. He hit safely in 56 consecutive games over a two-month period, as it was not until July 16th that they got DiMaggio out without getting a hit. During this period, Joe came to bat 223 times and rapped out 91 hits for a .409 batting average during this streak. He recorded 15 homers, 16 doubles and 4 triples. Ironically, he scored 56 runs during this streak and was credited with 56 RBI's. He didn't let up after the streak was over as he came back to hit safely in 16 straight games. He drove in 125 runs in 1941 to lead the league in that department and again was honored with the Most Valuable Player Award.

Like many of the other players of his day, DiMaggio had to interrupt his career for military service. He served

with the U. S. Air Forces from 1943 through 1945. Coming back in 1946, he found it a little hard to get back into the swing of things and his batting average dropped to .290, one of the lowest points of his career. He did come back in 1947 to hit at a .315 average and won his third Most Valuable Player Award. His batting average climbed to .320 in '48 and he led the league again in homers with 39. He also led the league in RBI's that year with 155. Injuries caught up with DiMaggio in 1949, as he played in only 76 games. In many of those games he could hardly run in the outfield, and with time catching up with him in '50 and '51, he gracefully bowed out of his baseball career. In his 13 active major league years, he compiled a very respectable .325 lifetime batting average and ranks high on the list of home run hitters with 361 homers to his credit.

While there have been players who have hit higher averages and who have higher slugging percentages, Joe DiMaggio was the polished all-around player. His natural ability let him cover his center field position with such grace and ease that he made the job look easy and he was fast on the base paths. He was thought of as one of the greatest team players in the game, a player that never let up.

Among his many records and awards are his three Most Valuable Player awards, and he was voted to twelve All-Star Teams in his 13-year career. The Sporting News named him the No. 1 Major League Player of the Year in 1939. His biggest honor came in 1955 when he was voted to join the other greats in Baseball's Hall of Fame.

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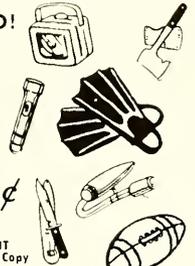


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"Dear Farmer: Not too bad, but you should see my uncle's place. His land is so poor the crows carry lunch baskets when they fly across."

D. Lamay
Cincinnati, Ohio

Dear John,

Words cannot express how much I regret having broken off our engagement. Will you please come back to me? I cannot live without you.

I love you, I love you, I love you!
Yours forever,
Marianne

P.S.: Congratulations on your winning the ten thousand dollars.

Jane McCarty
Ashcamp, Kentucky

A missionary traveling through the jungle met a lion. Flight was hopeless, so he fell to his knees in anxious prayer.

A few moments later he was greatly comforted to see the lion kneeling beside him.

"Dear brother," said the missionary, "how delightful it is to join you in prayer, when a moment ago I feared for my life."

"Don't interrupt," said the lion, I'm saying grace."

Larry Cassath
Mindenmines, Missouri

Been fishing lately? If so, don't fail to enter the Fishing Contest on page 46. It's easy! Just catch a fish and send in your entry. Top prizes include an Oliver motor, Heddon rods and Bronson reels.

The Army psychiatrist wanted to be sure that the newly enlisted rookie was perfectly normal. Suspiciously he said:

"What do you do for social life?"
"Oh," the man blushed, "just sit around mostly."

"Hm-m-m, never go out with girls?"
"Nope."

"Don't you even want to?"

The man was uneasy. "Well, yes, sort of."

"Then, why don't you."

"My wife won't let me, sir."

Archie Conn
Elliotville, Kentucky

Explorer: "Why do you look at me like that?"

Cannibal: "I'm the food inspector."
Dennis Bosch
Gowrie, Iowa

The haberdasher, showing straw hats to a farmer, pointed to a nice number and explained that the price was only \$18.95.

"Where are the holes in it?" asked the farmer.

"What holes?"

"The holes for the ears of any jack-ass that would pay so much for such a little pile of hay."

Alvin Gerstner
Frankfort, Kansas



"It isn't so much different soil, son; it's just that over there it's Texas!"

A paratrooper was home on furlough. "How many jumps have you made?" one of his friends asked.

"Only one," admitted the paratrooper. "My service record says 20, but the other 19 times I was pushed."

Bernard Wagner
Hastings, Minnesota

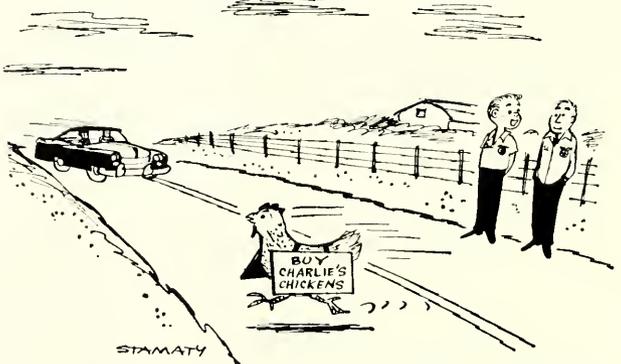
"Doctor," the owner of a great Dane told a vet, "You've got to do something. My dog does nothing but chase sports cars."

"Well that's only natural. Most dogs chase cars."

"Yes," the man agreed, "but mine catches them and buries them in my back yard."

Albert Snyder
Eldorado, Ohio

Charlie, the Green Hand



"Know why that chicken crosses the road?—Because I trained it."

The National FUTURE FARMER will pay \$1 for each joke published on this page. Jokes should be submitted on post cards addressed to The National FUTURE FARMER, Box 29, Alexandria, Virginia. In case of duplication, payment will be made for the first one received. Contributions cannot be acknowledged or returned.

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