

power outfit of engine, dynamo and moving picture apparatus is carried out to schoolhouses in the country on an auto truck. The very best of results as to pictures are obtained. Vast crowds swarm to see the agricultural pictures, many to see movies for the first time.

No more important work is done than that which is conducted by specialists who go out from the College of Agriculture and come in touch with the farmers and help them solve their problems. Through these specialists demonstration work is done in beef production, such as right feeding, construction of silos, planting feed crops, introduction of pure-bred animals for breeding stock, the organization of livestock clubs and holding of livestock meetings.

Cream Routes Established

CREAM routes have been established during the past year for collecting and marketing surplus cream of farmers. The cream is shipped to the College creamery and there made into butter.

Pure-bred dairy sires have been introduced, advice has been given as to feeding, silos have been built and home-making of butter and the care of milk has been emphasized. Two specialists in dairying are constantly at work among the farmers.

Besides bulletins, circulars and posters, the Editor of the College provides 150 weekly papers of the state, a column of free plate each week for a greater part of the year. This plate carries important agricultural information and reaches a large part of the farmers of the state. A news and information service with daily papers is also carried on. A circulation of 500,000 a week is obtained for items in newspapers.

Extension work is done with orchards in planting, pruning, spraying, packing and marketing; in trucking and home garden work; with canning clubs and with civic clubs in landscape gardening. Two specialists are constantly in the field.

The Department of Agricultural Engineering of the College of Agriculture is under heavy demand from farmers of the state for plans for all sorts of farm buildings, for silos, water works, septic tanks, lighting plants, dipping vats, cold storage plants, hydraulic rams, grain elevators, smoke houses, etc. One specialist is constantly in the field aiding farmers in this line of work.

County Agents Work With Crops

BESIDES these there were the following: 34,634 acres of corn, 30 bushels per acre; 9,500 acres of cotton, 1,315 pounds of seed cotton per acre; 500 acres in tobacco, 257 pounds per acre; 6,512 acres in wheat, 16 bushels per acre; 7,683 acres in oats, 34 bushels per acre; 1,061 acres of alfalfa, 4.8 tons per acre; 585 acres sowed to crimson clover, bur clover and vetch; 7,341 acres in cowpeas; 3,994 acres to velvet beans; 871 acres in soy beans; 3,381 acres in peanuts; 1,929 acres to potatoes; 20,344 orchard trees cared for.

Pure-bred Livestock Introduced by Agents.—Brood mares 240, stallions 52, jacks 242, beef cattle 489, hogs 1,550, sheep 412.

Treatment of Livestock Diseases and Pests.—Treated for blackleg, 3,240, tuberculin tests, 4,692, cattle treated for ticks, 48,900, for lice, 11,748, hogs treated for cholera, 53,500, for lice, 30,112, for worms, 16,032; horses treated for distemper, 84, for digestive ailments, 200, for accidents, 200.

Treatment Plant Diseases and Insects.—For smut and rust of wheat, 6,376 bushels; oats, 10,368 bushels; for insects affecting tobacco, 166 acres; oats, 312 acres; potatoes, 183 acres; orchards, 424.

Inoculation of Legumes.—For alfalfa, 1,061 acres; for crimson clover, bur clover and vetch, 7,145 acres; lespe-deza, 41 acres; cowpeas, 785 acres; velvet beans, 757 acres.

Feeding Demonstration.—Dairy cat-

tle, 3,902, beef cattle, 1,250, swine, 38,605.

Silos.—Silos built by demonstration farmers, 22.

Lime.—5,156 acres were treated with 7,584 tons of lime.

Fertilizer.—Farmers advised regarding use of fertilizer, 11,800; demonstrations with fertilizers, 600; tons of home-made manure used under agents' advice, 60,000.

Farmers' Organizations.—Number of farmers' clubs formed, 108, membership, 2,092.

Improvements on Farms.—Building plans furnished, 320, improvements on buildings, 1,696, waterworks installed, 152, lighting plants installed, 191, homes screened, 928, fly traps installed, 1,254, telephone systems put in, 24, drainage laid out 280 farms, acreage drained, 9,630, stumps removed from 17,905 acres; acres terraced, 31,600; home gardens started, 5,720; farmers induced to rotate crops, 1,264.

Visitations.—Total visits made by county agents to cooperating farmers, 48,440; to other farmers and business men, 30,120; miles traveled, 233,719; calls made upon agents at their offices, 47,168.

Meetings.—Meetings held with

farmers, 1,036; attendance, 101,800; field meetings, 750, attendance, 8,312.

Literature and Letters Distributed.

—Official letters, 39,892, circular letters, 55,980, circulars and bulletins, 204,786; articles for publication, 1,128.

Work With Schools.—Visits made by county agents to schools in interest of club work, 2,900, attendance, 49,000.

Effect on Communities

OF THE farmers who are demonstrators in cooperation with county agents 79 per cent raise their home supplies; 40 per cent now trade on a cash basis; 20 per cent have paid off mortgages; 45 per cent have decreased indebtedness; an increase of 53 per cent in attendance upon agricultural meetings has occurred; 610 homes have installed labor-saving devices.

STATISTICS OF BOYS' CLUBS

Enrolled in corn clubs	8,685
Boys reporting results	2,210
Bushels reported	99,450
Average cost per bushel	42c
Average number of bushels per acre	45
Enrolled in pig clubs	2,605
Average profit per pig	\$20.77
Average cost per pound gain	2.9c
Enrolled in oats clubs	400
Enrolled in four-crop clubs	929
In cotton clubs	875
In pea clubs	1,025
Miscellaneous clubs	750

OUR HEALTH TALK

Medical Examination of Everyone Once a Year

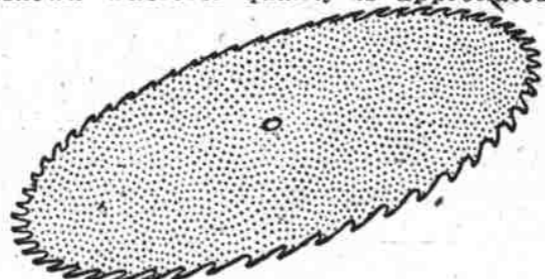
"DR. S. H. Goldwater, the Health Commissioner of New York, has announced a plan to have every one of the 5,000,000 of the city examined at least once a year to determine his or her physical condition," says the Observer New York Correspondent.

"The plan is already in force among the employees of the Health Department. The Commissioner's next step will be to ask the Board of Estimates to authorize him to extend the system to all city employees. Eventually he hopes to apply it to all the inhabitants.

"Dr. Goldwater does not propose to make examination compulsory, and he would allow individuals, if they desire it, to be examined by their own physicians at their own expense. He says that the plan would prolong life by three to five years by the prevention of communicable diseases and by the early discovery of such diseases as cancer, Bright's disease and tuberculosis."



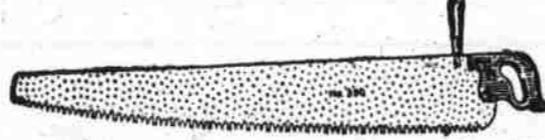
Cross-Cut Saws bearing the Atkins name cut 25 per cent faster than others because "Segment-Ground" Blades are thicker on tooth-edge than back—thinnest at center of back. Cut at top shows our No. 5 "Perfection." Four cutting teeth and raker. A famous saw for hardwoods. Cut at bottom shows No. 540 "Rex." Two cutting teeth and raker. Known wherever quality is appreciated.



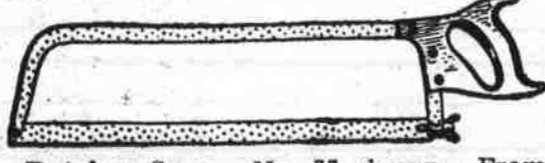
Circular Saws—made either with solid or inserted teeth, any size—all of Silver Steel. Atkins circular saws are best for the small mill—they do not need re-filing so often. Silver Steel files easily, but is exceedingly hard and tough. Almost impossible to crack it unless the saw is improperly set or adjusted.



Hand Saws. Atkins Silver Steel hand saws are the only kind giving you choice of two handles on the same blade. "Perfection" handle is most scientifically hung—balance is thrown on toothed edge. "Old Style" is the same your grandfather used. Blades are Silver Steel—the best made. We make hand saws for any purpose, any length or size of tooth.



One-Man Saws. Cut shows No. 390. This is fully as fine in quality of steel and finish as our very best cross-cuts. Tuttle Tooth pattern, two cutting teeth and raker. Blades carefully ground, producing uniform thickness so it runs free and easy.



Butcher Saws. No. 77 shown. Frame has a flat back, square edge, made of fine spring steel. Beech handle with sanded sides and varnished edges. It is a revelation to see how this saw works in comparison to the cheap, inferior kind.

EFFICIENCY is the order of the day. Fast, clean work with the best of tools is the mark of the successful farmer. Of all the time-wasters and muscle-killers ever invented, the worst is a cheap, worthless saw. It pays to get a good saw—it is like money in the bank. The best saws for every purpose are

Atkins Silver Steel Saws

Each one is sold under this broad and positive guaranty: "If you buy an Atkins saw and it does not prove thoroughly satisfactory—in every respect—take it to your dealer and get a new saw or your money back—every red cent of it back if you want it."

It is an unlimited guaranty. We have unlimited confidence in our product. For over sixty years we have been making saws—nothing but saws and saw tools—and they are truly "the finest on earth." Made of steel as fine as razor steel, tempered by a process that makes the saw hold its perfect edge under the most trying conditions. Ground so that they will not stick even in wet lumber, and cut smoothly and easily in all kinds of wood.

In this ad we show some popular saws for the farm. If the kind of saw you want is not shown, remember we make a saw for every purpose—and it's the best of its kind. Demand the genuine Atkins Silver Steel Saws of your dealer. Atkins Saws are never sold under any other brand. Our name, E. C. Atkins & Co., is on every blade. If your dealer hasn't them, and won't get them for you promptly, please write us and we will see that you are supplied.

Repairs

Many times you have discarded cross-cut saws or circular saws because teeth were broken or some other minor accident has occurred which you could not fix. At each of our factory branches we have facilities for repairs. Thousands of Atkins saw owners take advantage of our repair shops. It is part of the Atkins idea—to give not only the best saw for the money, but also unlimited service at a fair price.

Free

We have valuable information on the care of saws and practical time and money-saving short cuts in farm carpentry in our booklet, "The Saw on the Farm." We will send this to you free. For fifteen cents in stamps we will include a handy canvas carpenter's apron with double stitched nail pockets. Send for Free Offer "I" to receive the apron and book—a most complete showing of saws for farm usage.

Branches at Memphis, Atlanta, New Orleans, Chicago, New York, Seattle, Minneapolis, Vancouver, San Francisco, Portland and Hamilton, Canada

