

DAIRY

TIME TO IMPROVE PASTURES

Clean Up by Cutting Off Brush, Briars and Weeds—Reseeding Bare Spots Is Favored.

(Prepared by the United States Department of Agriculture.)

Spring is the desirable time of year for the improvement of pastures. Large areas of permanent pasture would respond to proper methods of improvement which might include the following:

Keep the pastures clean by cutting off brush, briars and weeds. Large stumps, stones and dead trees should also be removed.

Those areas used for pasture that would permit harrowing and disking at the time of reseeded, applying lime, fertilizers and manure, etc., may be greatly benefited. In some sections terracing may be practiced with satisfactory results.

The application of lime, acid phosphate and manure can always be relied upon in most sections as a means of adding the necessary increased fertility.

Reseeding, particularly in bare spots, is to be recommended. White and Japan clover, bermuda, herds grass, carpet grass and blue grass in favored sections are commonly used. As a rule reseeded pastures should be lightly grazed the first year. At all times it is advisable to keep the cattle off the grass in the spring until well



Work Done in the Spring to Improve Pastures Will Insure Greater Supply of Feed Later.

started. Closer grazing during the rest of the season may be practiced where this has been done. It is also advisable to turn cattle off the pasture earlier in the fall than is commonly practiced.

DAIRY COW IS ECONOMICAL

Utilizes Coarse Materials, Inedible to Humans, and Turns Them Into Food Material.

Two facts stand out prominently as reasons for the increased production and use of milk. The first is that milk as purchased on the market usually supplies food material together with the growth-producing elements more economically than either meat or eggs. The second reason is that the dairy cow is the most economical producer of animal food. One great law of food conservation is to turn inedible feeds into edible foods in the cheapest possible manner. The dairy cow will utilize coarse materials, inedible to humans—such as grass, cornstalks and hay—and will turn them into milk. Other farm animals also are converters of coarse roughage into edible foods, but are not so efficient as the dairy cow.

GOOD FOR SCOURS IN CALF

Mixture of Formaldehyde and Water Is Recommended—Cut Down the Amount of Milk Fed.

This is good for scours in calves: One ounce of formaldehyde (use 40 per cent formaldehyde), 16 ounces of water, mix, give one teaspoonful for each pound of milk fed to calf, stir in the milk. Cut down on the amount of milk being fed. This for two feeds is generally enough. Follow with two-ounce dose of castor oil if constipated.

FEED GRAIN TO YOUNG CALF

When Changed From Whole to Skimmed Milk Little Grain Should Be Put in Youngster's Mouth.

When the calf is changed from whole milk to skim milk, it will begin to eat grain. Place a little grain in its mouth after each feeding of milk. It will soon learn to eat the grain without assistance. The grain should not be fed with the milk. The calf should be allowed to masticate the grain.

TO PREVENT DISEASE GERMS

Healthy, Tuberculin-Tested Cows Are First Essentials—Pure Water Is Important.

To prevent the entrance of disease germs into milk, healthy, tuberculin-tested cows, free from any under inflammation or garget, are the first essentials. Healthy men, and pure water from a protected well or spring, are of second importance. Clean utensils, covered pails and clean cows come next.

EDUCATIONAL NEEDS AFTER the WAR

"We realize that education is now not solely a state matter but a national concern."

—SECRETARY FRANKLIN K. LAKE

By ELIZABETH HARRISON.

T the beginning of the war Herbert Hoover performed a miracle before our very eyes when he caused a single slice of bread, laid aside every day by each of us, to be transmuted into shiploads of food for tens of thousands of women and children in the desolated districts of Belgium. We know the story of how the miracle grew.

And it all came about because he knew that although legislation lies in the hands of government, administration rests in the hands of ultimate civic unity. He appealed to the humblest citizen in the farthest corner of our land and showed him that he, too, was a part of the mighty democratic force that was fighting for the freedom of the world. There was something greater still in this marvelous change that was wrought, almost over night, transforming us from a nation that ate, drank and was merry, with no thought of the morrow, into one that reckoned the cost of every mouthful, not in terms of money alone, but one which saw the bit of crisp bacon that we banished from our breakfast table change into brown and muscle in the fighting men at the front, and the extra lump of sugar saved from our morning cup of coffee bring color to the pale cheeks of babies 3,000 miles away.

A still greater thing that was wrought, through Mr. Hoover's power, to awaken our imagination with his "mathematical calculation," was that he aroused our conscience to the real significance of democracy and its responsibility. We were stirred to our depths by the realization that, as a nation, we could so restrain appetites and curtail material gratifications, and prove to the world the mighty forces which lay within our midst.

It has awakened us in many directions. None perhaps is more significant than the realization of the supreme importance of education for all American citizens if the standard we have set up is to be maintained. The present movement inaugurated by the National Education association for 100,000 new members to be added to its membership is to enlist all citizens who are interested in the future of our national life in a petition to congress that a distinct department of education shall be established in the president's cabinet of equal significance with that of labor, agriculture or commerce.

Millions of Women Combine. Another of the significant movements of the day along this line has been the coming together of a number of women's national societies in order that they may work more effectively for the improvement and advancement of education. They realize as never before that it, and it alone, is the only sure safeguard of the nation. As a result the school patrons department of the National Education association now represents the combined effort of five large and efficient national associations, namely: The General Federation of Women's clubs, the National Congress of Mothers and Parent-Teacher associations, the National Association of Collegiate Alumnae, the National Council of Jewish Women and the National Association of Southern College Women. This combination now represents a body of more than 5,000,000 earnest, intelligent, efficient women who have for their aim to assist in the present reconstruction effort to mend the gaps which the war revealed as existing in our educational system. It is that these serious changes and vitally needed improvements may be financed sufficiently that this movement is being made toward establishing the edu-

cational department in the president's cabinet. The next most important object of the school patrons department of the N. E. A. is to assist in every way possible in the Americanization of the foreign-born population. It is not urged that men who have been warped with prejudice by the tyranny from which they have suffered for generations under foreign governments can be transformed into Americans by a course of study, but these women know, many of them from personal experiences with servants and through social settlement and church mission work, that knowledge of our language is an absolute necessity if these ignorant and bewildered foreigners are to gain even a glimpse into the meaning of the American spirit for which true democracy calls. Much of this work can be and must be done outside of the school room and this great body of efficient lay-workers stands ready and willing to assist in establishing friendly relations that will help transform the disappointed and oftentimes indignant foreign laborer into a friendly co-operator.

Especially is this needed by the non-English speaking wives of these men, shut away from all outside influences as they are, in their own homes.

Again, the war draft revealed the fact that over 700,000 white Americans in our country are illiterate—and the illiteracy is far greater among the negroes. Both of these classes are menaces to our nation's life, and in both spheres the women of comparative leisure have large opportunities for assisting and creating a desire for an education and in helping to point the way of obtaining it.

The fact that one-half the men drafted from the United States into the war proved to be physically unfit was another revelation of our need of a better knowledge of the laws of health, and of the crime which we have been constantly committing by confining children five or six hours a day in unsanitary buildings. A large national appropriation is needed for the bettering of these shamefully disastrous conditions. No one knows better than the mothers of our land and the women who work in the commercial world that health is a tremendous asset and that lack of health



"AMERICANIZATION OF THE FOREIGN-BORN POPULATION"



"HEALTH IS A TREMENDOUS ASSET"

is a tremendous obstacle on the road to success. It is they who must nurse the sick and sorrow with the suffering far more than the teacher can do. It is they who should take charge of and insist upon the maintenance of inspecting physicians and visiting nurses in our schools.

Bigger Salaries for Teachers.

This cannot be accomplished by the laity alone. The school teachers should be better educated on this vital subject. The school patrons department must demand that the teachers of the country shall be better trained concerning the laws of hygiene and sanitation. But when it is officially stated that the average teacher in the majority of our states receives between \$500 and \$800 annual salary how can we expect or demand that the efficient, well-educated women shall turn from salaries twice the size of this to teach our children, if we remain indifferent to their welfare? So the agitation for better salaries is part of the work of this new organization.

Every man and woman should have some definite means of earning a livelihood, for independence is a necessary part of true democracy. Therefore these five nation-wide organizations are interesting themselves in vocational training.

But in order that it may not be at the sacrifice of the broader humanities that general culture brings and the beauty and attractiveness which it lends to life they are urging an advance of at least two years in the compulsory school life of our children; in other words, that the children shall remain in school until sixteen years of age instead of being permitted in their immaturity and ignorance to leave school to accept poor wages and handicapped lives at the age of fourteen. In some states they are attempting to advance the school age to eighteen; in others the lengthening of the school term is urged. Why should three months of a child's time be spent in idleness simply because in the early days our rural population needed the help of all hands on the farm during the summer months?

The temptation in families where financial stress is felt is of course to ignore the future rights of the child and to put him to work as soon as the law allows. Therefore these community mothers are also urging that compulsory laws shall be more thoroughly carried out, and at the same time are trying to have established a mother's pension law, by means of which the state that is hereafter to have the intelligent and the ignorant services of the child shall help to keep him in school by contributing a small sum of money toward the maintenance of the home, and thereby insure greater safety to our national life and ideas.

Another revelation which the recent war has emphasized should appeal to the heart and judgment of every woman—the segregation of the feeble-minded.

Miss Stella Miller of Trumbanerville, Pa., has been cited for bravery under fire, working just behind one of the lines in France, during a drive shortly before the end of the war. The first chaplain of the United States senate was Rev. Samuel Probst of the Episcopal church and bishop of New York. The first chaplain of the house of representatives was Rev. William Lynn of the Presbyterian church. Both officiated in the first congress organized after the adoption of the Constitution.

A cellulose factory at Krogstad, Norway, will double its capital stock with a view to enlarging its capacity and introducing a process for making alcohol from sulphuric waste. A New York firm has been very successful in the introduction of whale meat during the war, and it is likely to remain permanently on the market.

ALL OVER THE WORLD

Mrs. Margaretta Neale is assistant director general of the United States employment service in charge of woman's work. Her office is in Washington, D. C.

The carelessness of smokers and the ignorance of children are to be blamed for most of the fires which occurred in New York during last year.



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TOMMY IN HUMOROUS MOOD

And Possibly There Was a Little Sarcasm in Remark Credited to Real Soldier.

"Don't ever imagine that the British haven't some sense of humor," said Robert Chambers, the author, recently. "A friend of mine, just back from London relates an incident that shows that the Tommy, at least, has a funnybone somewhere in his anatomy."

"These two Tommies, disheveled, torn with wounds and altogether untidy, were on leave in London. As they stood in Trafalgar square there approached a detachment of the Windsor guard in silver trappings, waving plumes, red coats, long varnished boots shining like mirrors, and kid gloves."

"The Tommies looked on in silence for a moment and then one nudged his mate."

"'Looka Bill,' he whispered in an awed voice. 'Them's sojers.'"

Needless Alarm.

Junior had not been in the best of health, and, when he seemed well on the way to recovery, his mother took extra precautions to guard him against possibilities of an influenza attack.

One evening the anxious mother was startled when she entered Junior's room to find the little chap in bed, sniffling, with eyes red and watery.

"Goodness, gracious!" she cried, "do you feel sick, dearie?"

"No, mamma," Junior replied.

"But you seem to have caught a dreadful cold."

"I haven't any cold."

"But your nose and your eyes!"

From under the covers Junior produced a book.

"It is 'Uncle Tom's Cabin,' mamma," he said, "and I have just been reading about poor little Eva."—Youngstown Telegram.

Who Blushed Then?

A pretty young teacher was once placed in charge of a class of boys and she asked them what they would like to be when grown up.

They all had very high notions, one was to be an actor, one a sailor, one a lorry driver, and another a cowboy.

Presently it came to a pretty fair-haired boy to state his wish.

"What would you like to be?" said the teacher.

Jackie blushed deeply, and looked shy and afraid.

"Come, tell me your wish, Jackie, please!" said the teacher.

"Please—er—please, my wish—er—is to be—your husband!" he blurted out.—London Answers.

Bullet Meets Bullet.

So many bullets flew through the air in both directions in large battles of the great war that some of them were bound to bump into each other. A pair of fighting bullets were picked up by an English soldier one day after he and his comrades had pushed the Germans back several hundred yards. In their perilous journey over No Man's land they struck barbed-wire entanglements with the varied results shown.

To Insure Control.

Edith—I don't see why they need so many rehearsals for the Sophia Strongarm and Percy Pinfeather wedding.

Belle—That's so they won't laugh when she promises to obey him.

A shoal of herrings is often five or six miles in length and two or three in breadth.

There are twice as many blind people in Russia as in the whole of the rest of Europe.

Kill the Flies Now and Prevent disease. A DAISY FLY KILLER will do it. Kills thousands. Lasts all season. All dealers, or five sent express paid for \$1.25. H. SOMERS, 150 De Kalb Ave., Brooklyn, N. Y. Adv.

No Prospect.

Butcher—What kind of a cut in this meat would you prefer, madam?

Customer—A cut in price.

ALLEN'S FOOT-EASE DOES IT.

When your shoes pinch or your corns and bunions ache get Allen's Foot-Ease, the antiseptic powder to be shaken into shoes and sprinkled in the foot-bath. It will take the sting out of corns and bunions and give instant relief to Tired, Aching, Swollen, Tender feet. Sold everywhere. Don't accept any substitute.—Adv.

Nothing Like Education.

An ostrich stood with stuffed rigidity in a store window, with two small boys looking in:

"Gee, look what a great big swan."

The boy with him knew better.

"That isn't a swan. That's an old he-buzzard."

Which shows what a fine thing it is for some boys to live where they can have the advantage of public education and a zoo.—Washington Star.

WOMEN NEED SWAMP-ROOT

Thousands of women have kidney and bladder trouble and never suspect it. Women's complaints often prove to be nothing else but kidney trouble, or the result of kidney or bladder disease.

If the kidneys are not in a healthy condition, they may cause the other organs to become diseased.

Pain in the back, headache, loss of ambition, nervousness, are often times symptoms of kidney trouble.

Don't delay starting treatment. Dr. Kilmer's Swamp-Root, a physician's prescription, obtained at any drug store, may be just the remedy needed to overcome such conditions.

Get a medium or large size bottle immediately from any drug store.

However, if you wish first to test this great preparation send ten cents to Dr. Kilmer & Co., Binghamton, N. Y., for a sample bottle. When writing be sure and mention this paper.—Adv.

Out of Order.

The village was all agog. Flossie Flatfoot was marrying William Giles. The church was crowded. Flossie, looking as pale as her somewhat highly colored countenance would allow, bore up until the plain band ring was safely on her finger, and then, overcome, burst into tears.

The villagers were touched, but not anxious. All girls cry at weddings.

Then suddenly William Giles screwed up his face and broke into howls. Tears poured down his face and dripped off his whiskers.

"What's up? Hush, man!" those nearest him urged. But Giles continued to howl, and at last burst out:

"Let me be! I feel wuss 'an 'er about it!"—London Tit-Bits.

Need of a Cash Register.

Mr. M— is not always as regular in his accounts as he might be. In spite of that, however, he was recently elected to carry the contribution basket at his church. But there was much opposition, particularly from the men, who had known him to juggle various other accounts over which he had had charge. Finally the grocer voiced his objection in this way: "I don't think we'd better let him carry that basket unless we have a cash register attached to it."

What Better?

He—What is your highest ambition? She—Six feet one and just released. Gargoyle.

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It doubles the enjoyment of the meal with its rich, invigorating flavor; and, unlike coffee, it never upsets nerves, stomach or heart. Children as well as grown folks can drink Postum freely.

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Two Sizes, usually sold at 15c and 25c.