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after every meal

Cleanses mouth and teeth and aids digestion. Relieves that over-eaten feeling and acid mouth.

Its 1-a-s-t-i-n-g flavor satisfies the craving for sweets.

Wrigley's is double value in the benefit and pleasure it provides.

Scaled in its Parity Package.



The flavor lasts

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A MINE OF WEALTH TO FARMERS

Manufactured by  
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The Herb Doctor Book explains Nature's botanical medicines anyone can prepare at home 250 formulas. 25c. Box 1274, Indianapolis, Ind.

Treatment Sent Sufferers of Eczema, Old Sores, Piles, various Sores, Catarrh, Bronchitis, Asthma, Indigestion, sour stomach, Dr. Nardine Medical Co., Johnson City, N. Y.

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**How to Invest for Profits** Illustrated. Price \$1.00. B. EDLIN, 1644 B Street, S. E., WASHINGTON, D. C.

**For Sale—Best Grove Proposition in Florida** 200 acres, oranges and grapefruit, houses, barns, full equipment. Good town. Yearwood & Wadford, Clearwater, Fla. Groves, acreage

**Belief for That Dreaded Rheumatism** Guaranteed or money refunded. Send \$1 for trial bottle. Address Box 426, Rockingham, N. C.

**Free to Women!** Free a 10c bottle LIQUID YENNER Wonderful for dusting, polishing, furniture and woodwork. LIQUID YENNER CO., Buffalo, N. Y.

**Second Hindu God**  
In Hindu mythology Vishnu is the second god of the "trinitry," or trinity, in which he figures as the preserver of the universe, says the Detroit News. His friendship for man was manifested in his avatars, or incarnations, which according to some authorities number 10, and according to others 22. Of these avatars the two principal ones were the seventh, as Rama, the hero of the Ramayana, and the eighth as Krishna, the hero of the Mahabharata. Vishnu is generally represented as dark-blue man, having four arms, and is worshipped chiefly by the middle classes. He originally figured as a sun-god in the oldest Vedas, but gradually increased in importance until in the later Purana he became the Supreme Deity.

If a wife refuses to divorce her dyspeptic husband—that is love.



**The Household Necessity**  
For cuts, burns, blisters, rashes, sores, or skin troubles of any kind. Soothing and healing. Keep it always in the house, in tubes or bottles. Look for the trademark "Vaseline" on every package. It is your protection.

Chesebrough Mfg. Co. (Cons'd)  
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**Vaseline**  
PETROLEUM JELLY

**Beautiful HAIR**

Constantine's Persian Healing Pine Tar Soap removes dandruff. Lessens tendency to baldness. Gives new vigor to hair and scalp. Makes hair soft and beautiful. A 6-year success. At all drug stores.

**Constantine's Persian Healing PINE TAR SOAP**

W. N. U., BALTIMORE, NO. 37-1924.

## DAIRY

### PRODUCTION OF MILK SHOWS BIG INCREASE

(Prepared by the United States Department of Agriculture.)

Milk production last year was seven billion pounds more than in 1922, according to reports to the United States Department of Agriculture. Production is placed at 109,736,962,000 pounds as compared with 102,562,221,000 pounds in 1922.

Consumption of milk for household purposes reached 50,440,000,000 pounds as compared with 46,672,560,000 pounds in 1922. There was manufactured 1,774,881,000 pounds of condensed and evaporated milk as compared with 1,431,349,000 pounds in 1922. The output of creamery butter was 1,252,214,000 pounds compared with 1,153,515,000 pounds the preceding year, and the total production of cheese of all kinds was 394,697,000 pounds compared with 369,980,000 pounds in 1922.

Consumption of butter on a per capita basis was 17 pounds per person last year as compared with 16 1/2 pounds in 1922; consumption of cheese was 3.91 pounds per person compared with 3.74 pounds; condensed and evaporated milk 13.25 pounds compared with 12.69 pounds, and ice cream 2.66 gallons compared with 2.43 gallons in 1922.

Dried casein production more than doubled during the year, being 14,548,000 pounds compared with 6,927,000 pounds in 1922.

Items making up the total milk production for the two years are given in the subjoined table:

	1923 Pounds	1922 Pounds
Creamery butter	1,252,214,000	1,153,515,000
Farm butter	610,000,000	625,000,000
Cheese (all kinds)	398,947,000	374,980,000
Condensed and evaporated milk	1,774,881,000	1,431,349,000
Powdered milk	6,569,000	5,599,000
Powdered cream	328,000	118,000
Malted milk	15,331,000	13,659,000
Sterilized milk	80,000	320,000
Milk chocolate	149,500,000	100,000,000
Ice cream (gals.)	249,900,000	263,520,000
MILK for household use	50,440,000,000	46,672,560,000
Milk fed to calves	4,174,000,000	4,335,000,000
Milk wasted	2,292,000,000	3,076,560,000
Total	109,736,962,000	102,562,221,000

\*Equivalent of whole milk.

### Wheat in Dairy Rations Is Highly Recommended

Recent low farm prices of wheat and the relatively higher price of bran and other grains and by-product feeds have produced an interest in the feeding value of wheat for live stock. As wheat is usually too valuable to feed to dairy cattle unless unfit for milling purposes, few dairymen have had experience in feeding it.

Ground wheat, while not as palatable as other cereal grains, due to the fact that it forms a sticky mass in the mouth, still is an excellent feed. The grain can be crushed instead of ground and, when fed in a grain mixture with bulky feeds, this objection is largely overcome.

Wheat contains practically the same amount of digestible carbohydrates, but considerably less fat than corn. Wheat is slightly richer in digestible protein, but is slightly lower in total digestible nutrients.

As compared to wheat bran, whole wheat contains less protein, but almost 25 per cent more total digestible nutrients. While bran is light and bulky, whole wheat has the opposite characteristic. Therefore, bran does not replace wheat as well as does corn.

### Cows Will Produce More if Fed Much Roughage

"Better Feeding for Dairy Cows" is the title of a new bulletin by Purdue university. The bulletin says in part: Dairy cows will be better fed and will produce much more profitably if:

1. They are fed all the roughage they will eat.
2. Most of their dry roughage is made up of such legumes as alfalfa clover, soy bean or cowpea hay.
3. They are fed silage during the winter.
4. Their grain ration contains enough protein supplement to give it balance.
5. Cows are not expected to obtain too much of their feed from pasture, but are fed when pastures become poor in the summer and are taken off of pasture when it becomes poor in the fall.

### Cows Crave for Wood

A craving for wood does not necessarily mean that a cow is in need of a tonic or medicine. Cows will sometimes develop a habit of chewing on foreign substances like that and they are very hard to break. The habit is started sometimes by the lack of salt which causes the cow to chew on something that has a salty taste. Provide plenty of salt with a balanced ration and plenty of good drinking water and it may be that the cow will forget her habit.

### Winter Legumes Help Bare Land

### Cover Crops Conserve Plant Food, Increase Yields and Improve the Soil.

Eventually more legumes must be planted for soil improvement if we expect to continue to produce crops economically. So why not begin this fall by planting a winter cover crop on as much land as possible? This question is asked by C. P. Blackwell, chief of the agronomy division at Clemson college, who believes that more of the bare land should be planted in cover crops this fall.

If a winter cover crop is to be of the greatest benefit it must be planted early so that it may attain maximum growth in time to be plowed under at least two or three weeks before time to plant the succeeding crop. If this practice is generally followed throughout, the cost of production of staple crops will be appreciably lowered next year.

A winter cover crop serves a two-fold purpose; it protects the land from washing during the winter months and at the same time conserves the plant food materials made available during this period. Soil which remains bare during the winter loses much valuable plant food by leaching. A cover crop will make use of this plant food and release it next spring in time for the crop of cotton or corn to use it.

Whenever possible the winter cover crop should be a legume, for legumes are able, by reason of their well-known ability to obtain nitrogen from the air, to greatly increase the supply of this element in the soil. Vetch and crimson clover are probably the best known and are to be recommended. When planted with oats or rye, vetch makes a rank growth, the mixture furnishing a quantity of organic matter to be plowed under and mixed with the soil. Crimson clover has met with much favor from practically everyone who has planted it, and its more general use would certainly be followed by increased yields of our other crops. Of the non-leguminous cover crops, rye is the best known.

### Determine Power Needed to Operate Silo Filler

Up until the last year or so, very little definite authoritative information was available as to the exact power required to operate silo fillers of different sizes at various capacities and under different conditions. However, a series of comprehensive tests as to power requirements have been started at the University of Wisconsin, using electric power for the work, and at Ohio State university, using a balanced or cradled tractor engine as a dynamometer. Already many interesting points have been brought out, and the tests are to be continued. These tests are particularly valuable in that they are made under actual field conditions and by using the regular equipment and help.

Several months ago much interest was aroused by an article from a prominent agricultural engineer pointing out the fact that theoretically the amount of power required to operate a blower depends largely on the amount of air moved, which in turn depends on the intake opening, the size, length, turns, and surface of the delivery pipe, and so on.

### Live Stock Improvement Going Forward Rapidly

Ohio leads all other states with 2,874 farmers participating in the "Better Sires—Better Stock" campaign, conducted by various states and the United States Department of Agriculture. Kentucky is second with 2,580, Virginia third with 2,258, and Nebraska fourth with 1,502 members. Virginia formerly held second place. These figures, revised to July 1, with those of other states, are given in a summary of results issued by the department.

Live stock improvement through the use of pure bred sires, as encouraged by the plan, is going forward rapidly in other parts of the country also.

### Potato Bins Should Be Sprayed Before Filling

Killing the disease germs which may have lived over in the potato bins before filling with the new crop is suggested as a paying precautionary measure by South Dakota state college potato specialists. The bins should be thoroughly swept and then sprayed or swabbed. A painting or washing of all inside parts with a solution of one pint of formaldehyde in 20 gallons of water is very efficient. Clean, dry potatoes, uninjured and stored in dry bins, do not rot unless disease is present in the tubers. One can easily be satisfied regarding this by digging into the bin and examining the potatoes from time to time.

### Preparing Asparagus

To insure the best possible crop of asparagus from your plants next spring, cut the old stalks and burn them as soon as the berries have turned red this fall. Then apply a mulch of well-rotted manure three or four inches deep. This mulch will prevent alternate freezing and thawing, which slows up so many asparagus beds, and the manure may be worked into the soil in the spring to add to soil fertility. Asparagus is such a gross feeder that it is indeed difficult to make the soil too rich.

### Care of Strawberry Bed After Harvest

### Clean Up Refuse and Pull Out All Old Plants.

It is advisable to set a new strawberry bed every spring, but in the small home garden, at least, it will often pay to continue the bed for a second and possibly a third season. The United States Department of Agriculture advises that if the bed is to be saved for another year any mulch and other refuse, such as weeds and straw manure that may have accumulated through the summer, should be raked off as soon as the crop is gathered. Then the older plants should be pulled out or removed with a hoe, leaving only enough of the younger ones to send out runners to make a new narrow or wide matted row, as desired. If the leaves on the plants left are spotted with disease, cut or mow them off and burn them.

A pound of nitrate of soda per square rod of ground, scattered around the plants will start a vigorous growth. Put this fertilizer on when the plants are dry, for it will injure any damp parts of the plant it touches. Handled in this way a bed may be kept for several years, because the new plants of one year are saved for fruiting the next. Old beds may be cleaned up as just mentioned, by hoeing or plowing the spaces between rows and leaving the youngest plants in the row.

### Boys' and Girls' Clubs Members Cultivate Corn

More acres of corn were cultivated by boys' and girls' club members, according to reports to the United States Department of Agriculture, than of any other single field crop in 1923, the total reaching 23,354 acres. These young farmers, ranging in age from about twelve to nineteen years, carried to completion, under the direction of their county extension agents, over 17,000 demonstrations of the methods which research and experience have found best for the economical production of those varieties adapted to conditions in their particular localities, both for their own information and for the benefit of their parents and neighbors.

### Time to Cut Clover Hay

There is no exact date that can be set nor any fixed rule to follow in cutting and curing hay. For the best quality of hay the cutting of clover needs to be done when in full bloom—alfalfa and sweet clover even earlier. Leave in the swath a half day or a full day according to weather before raking up. Aim to do most of the drying and curing in the cocks, which should be left two or three days before hauling into the barn. It is advisable to open up the cocks a few hours before the hay is taken to the barn.

### Cut Soy Beans for Hay

It is generally considered that while soy beans may be cut for hay at almost any stage, the best time is just as soon as the pods are fully formed, but before the seed is formed. At this time the maximum feed value will be secured and the hay is also more palatable than when cut later. Later harvesting gives somewhat greater bulk, but less of digestible protein and somewhat lower palatability, thus rendering that method less satisfactory.

### Take Care of Tractor

Where a tractor is used on the farm it should be cleaned well before putting it away for the season. All old dirt and grease should be removed and then all exposed bearings should receive an application of heavy lubricating oil. It is well to remove the spark plugs and pour some heavy lubricating oil into the cylinders in order to get a good coat of oil on the cylinder walls and pistons. This will prevent rust from forming.

## FARM FACTS

Keep all vegetables gathered to encourage fruiting.

This year silo capacity will mean corn crop insurance.

The experiment station is constantly ferretting facts for farmers.

Clean up the yard and fertilize the shrubbery that is not making good growth.

One method of making the profits on the farm higher is to keep labor expenses lower.

The results in co-operative marketing depend upon services performed, and how they are performed.

Keep tomatoes sprayed with Bordeaux arsenical for flea beetle, and dust with calcium arsenate for potato beetle.

Hundreds of thousands of farmers, and practically every experiment station in the land have proven the efficiency of the silo.

The best way to kill common red sorrel is to sweeten the soil with agricultural limestone and improve the soil so that other crops will smother it out. Sorrel grows on soils that are too sour for other crops, so is usually an indicator of poor soils.

## FEELS IT HIS DUTY TO TELL THE FACTS

"Tanlac has meant so much to me in the way of improved health that I feel it a duty, as well as a pleasure, to recommend it," is the appreciative statement of J. M. Freeman, well-known resident of 307 Camden St., San Antonio, Texas.

"About a year ago my stomach and digestion got all out of fix and I soon became badly run-down. My appetite went back on me and the little I did eat failed to nourish me. Constipation troubled me nearly all the time and I also had bilious spells and attacks of dizziness.

"My sleep was unsteady and I got up mornings with a mean, sickening taste in my mouth and a dull headache that lasted me almost through the day. I lost considerable weight and that tired, draggy feeling was on me all the time.

"After a few days' use of Tanlac I noticed a marked improvement in my

appetite, digestion and general condition. So I took four bottles and by that time I was eating as heartily as I ever did and digesting everything fine.

"My liver went to work right, my headaches stopped and I was able to sleep like a log. I had gone down to only 143 pounds, but I am now a strong man of 215 pounds, and my health is the best it has been in years. A friend of mine took four bottles of Tanlac at the same time I did and got fine results, too. As a builder of health and strength Tanlac is certainly without an equal."

Tanlac is for sale by all good druggists. Accept no substitute. Over 40 Million bottles sold.

Tanlac Vegetable Pills, for constipation, made and recommended by the manufacturers of TANLAC.

**Uncertain**  
Clerk of the Court—"Do you plead guilty or not guilty?" Patrick—"Sure, I'll have to hear the evidence first."

**The Cuticura Toilet Trio.**  
Having cleared your skin keep it clear by making Cuticura your everyday toilet preparations. The Soap to cleanse and purify, the Ointment to soothe and heal, the Talcum to powder and perfume. No toilet table is complete without them.—Advertisement.

**Author! Author!**  
North—"Who wrote this show, anyway?" West—"Those two men in the box who are applauding."

**Hatpin—What's That?**  
"She stabbed her sweetheart with a hatpin." Patrick—"Mercy, how out-of-date!"—Detroit Free Press.

**Don't chuckle if you put over a substitute when an advertised product is called for. Maybe your customer will never come back.**  
Ben Mulford, Jr.

**A Chance Anyhow**  
He—"Darling, we may have to wait a year." She—"Never mind! We may not love each other then."

## Children Cry for Fletcher's CASTORIA



**MOTHER:—** Fletcher's Castoria is a pleasant, harmless Substitute for Castor Oil, Paregoric, Teething Drops and Soothing Syrup, prepared for Infants in arms and Children all ages.

To avoid imitations, always look for the signature of *Dr. J. C. Fletcher*. Proven directions on each package. Physicians everywhere recommend it.

### Lesson in Correct Speech

A minister forgot to take his sermon to church, and his wife, discovering the mistake, sent it to him in the charge of a small boy, who was to receive a quarter for the job. In due course the boy returned for the money.

"You delivered the sermon, did you?" he was asked by the minister's wife.

"I jes give it to him; he's deliverin' it himself," he answered.

The heart has no renoings of which reason has no knowledge.

### Modern Youth!

The dear old gentleman was fond of children. But he shook his head after he had met the up-to-date Reggie Jones, aged seven.


Said the old gentleman to Reggie: "And whose little boy is this, I wonder?"

"There are two ways you can find out," replied the little boy.

"And what are those, my child?" was the beaming question.

"You might guess or you might inquire," replied Reggie in a bored tone.

A propagandist can't be impartial.



**MONARCH COFFEE**  
REID, MURDOCH & CO.  
CHICAGO, ILL. NEW YORK

**"More Value in a pound"**

"More value in a pound of Monarch Coffee than any other brand. The biggest seller in town." A. R. McDonald, Retail Grocer, Newnan, Ill.

**"QUALITY FOR 70 YEARS—THAT'S THE REASON"**

40 MONARCH Favorites	<ul style="list-style-type: none"> <li>Beans</li> <li>Peas</li> <li>Green Peas</li> <li>Chick Peas</li> <li>Chili Beans</li> <li>Prosopeas</li> <li>Mince Meat</li> <li>Espresso Dressing</li> <li>1000 Island Dressing</li> </ul>	<ul style="list-style-type: none"> <li>Pork and Beans</li> <li>Peas and Butter</li> <li>Prepared Mustard</li> <li>Grape Juice</li> <li>Fruit Salad</li> <li>Pineapple</li> <li>Cling Peaches</li> <li>Glass Peaches</li> <li>Apples</li> <li>1000 Island Dressing</li> <li>Pears</li> </ul>	<ul style="list-style-type: none"> <li>Loganberries</li> <li>Red Raspberries</li> <li>Strawberries</li> <li>Blackberries</li> <li>Currants</li> <li>Beans</li> <li>Red Kidney Beans</li> <li>Lima Beans</li> <li>Appropriate Type</li> <li>Corn</li> </ul>	<ul style="list-style-type: none"> <li>Tomatoes</li> <li>Peas</li> <li>Beans</li> <li>Pumpkins</li> <li>Sweet Potatoes</li> <li>Sweet Potatoes</li> <li>Home Cakes</li> <li>Syrup</li> <li>Home Cakes</li> <li>Milk</li> </ul>
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