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THE SHARPLES SEPARATOR COMPANY, one of the largest and oldest Cream Separator manufacturers, will send a

Sharples Allsteel Cream Separator

to your farm, *all charges prepaid*, so that you can try it **Thirty Days Free** at our risk. No obligations on your part. Now is your chance to try the latest improvement in the Separator world. Write today for details.

Agicultural College Professors and Teachers are enthusiastic and unqualified in their praise of this wonder Separator.

THE SHARPLES SEPARATOR CO.
West Chester, Pa.

Thirty Days' Free Trial
12 Months to Pay

Send No Money

Liberal Allowance for Old Machine

A Job to Suit
Foreman—Here, now, Murphy, what about carrying some more bricks?
Murphy—I ain't feeling well, gov'nor; I'm trembling all over.
Foreman—Well, then, lend a hand with the sieve.

Always Attractive
"I have some most attractive stock to sell."
"Yep, I suppose so. Anyhow, I've never seen a stock certificate that wasn't a beautiful thing to look at."
—Detroit Free Press.

Wide Variance in Cost of Potatoes

Study Carried on by Department of Agriculture in Big Producing States.

(Prepared by the United States Department of Agriculture.)

Yield per acre is the principal cause of variation in the cost of producing potatoes, the United States Department of Agriculture points out in a cost study in important potato producing sections of Minnesota, Wisconsin, Michigan, New York, and Maine. The survey dealt with costs in 1919, but the conclusions drawn are generally applicable to other years.

Farmers who received better than 130 bushels of potatoes per acre produced them at an average of 72 cents while those who had a yield of less than 70 bushels had an average cost per bushel of \$1.49. The cost per bushel of potatoes grown on 461 farms ranged from 39 cents to \$2.45, with most farms producing at a cost of \$1 or less per bushel.

Important Cost Items.

Man and horse labor were the most important items of cost in areas studied in Minnesota, Wisconsin, Michigan, and New York, whereas commercial fertilizer was the largest item of cost in Aroostook county, Maine. In Aroostook county the fertilizer cost was larger per acre than the combined cost of man and horse labor.

The cost per acre was lowest in Clay county, Minnesota, being \$78.09, and higher in Aroostook county, Maine, where the acre cost was \$219.60. The yield per acre in Clay county, Minnesota, was 103 bushels, making the cost per bushel 76 cents, while a yield of 278 bushels in Aroostook, Maine, resulted in an average cost per bushel of 79 cents.

Potatoes fitted into a fairly definite crop rotation in all areas except in Clay county, Minnesota, where wheat and oats were not grown in any definite rotation with potatoes. In the other areas hay, potatoes, corn, (where corn is grown) and a small grain seeded to grass constituted the rotation. The per cent of farm receipts coming through the sale of potatoes varied from 41.5 per cent in Barron county, Wisconsin, to 94.5 per cent in Aroostook, Maine.

Man and Horse Labor.

In areas where none of the picking labor was contracted for and as a result the hours of picking up potatoes were included, the total hours of man labor expended in raising an acre of potatoes varied from 63.7 hours in Anoka county, Minnesota, to 92.7 hours per acre in Barron county, Wisconsin. The hours of horse work used per acre were the lowest or 65.7 in Clay county, Minnesota, and highest in Monroe county, New York, where 118.0 hours were used. Commercial fertilizer was applied at the rate of 1,980 pounds per acre upon potato land in Aroostook county, Maine. None of the other areas studied approached this quantity of commercial fertilizer application.

The amount of man labor and horse work, together with the cultural practices for each area, are given in detail in Department Bulletin 1188, Cost and Farm Practices in Producing Potatoes, copies of which may be obtained free upon request to the Department of Agriculture, Washington, D. C.

MONARCH

Since 1853 Monarch Coffee has been the accepted brand in homes where highest quality is demanded. Millions drink it every day. If you were to pay \$1.00 a pound you couldn't buy a finer quality. Yet Monarch is priced so low it is economy to serve it regularly. Order a supply today from your Regular Retail Grocer.

"BEST IN 25 YEARS"
"In the past 25 years we have had many different brands of well-known coffees, but have not found any that can compare with Monarch in quality, price and repeat sales. We cheerfully recommend it to the most particular trade."
ED. PLATH
Davenport, Iowa

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40 MONARCH FAVORITES

Cocoa	Mayonnaise Dressing	Cling Peaches	Cherries	Hominy
Tea	100% Island Dressing	Sliced Peaches	Beets	Pumpkin
Sweet Pickles	Pork and Beans	Apples	Red Kidney Beans	String Beans
Swiss Salad	Peanut Butter	Pears	Lima Beans	Sweet Potatoes
Chili Sauce	Prepared Mustard	Loganberries	Asparagus Tips	Super Kraut
Freezer	Orange Juice	Red Raspberries	Corn	Sauces
Mince Meat	Fruit Salad	Strawberries	Tomatoes	Salmon
	Pineapple	Raspberries	Pas	Milk

Both Awful
Jack—I tell you, when you get around to the proposing point with a girl the suspense is awful.
Dick—The expense is nothing to be sneezed at, either.—Boston Transcript.

Seest thou a man that is hasty in his word? There is more hope of a fool than of him.

He Had Experience
Housewife—Fancy a big, strapping fellow like you asking for money. You should be ashamed of yourself!
Tramp—I am, ma'am. But once I got twelve months for taking it without asking.—London Answers.

One pair of heels is often worth two pair of hands to some folks.



FOOD

The wholesomeness, the variety, the economy of your daily food is safeguarded by a building material—Portland Cement.

Farm structures that protect from vermin and disease, grain elevators and cold storage plants that prevent waste, highways and railroads that speed transportation—these are made permanent through Portland Cement, the cheapest of all products undergoing a complete process of manufacture.

Your building material dealer knows the many uses, many advantages of Atlas. Consult him on your building plans.

ATLAS PORTLAND CEMENT

DUTCH VASES
for flowers and our artistic optic glass vases to beautify your home. Blue, Green, Amethyst, 12 inches high, postpaid \$1.25; 14 inches high, postpaid \$1.50.

CRACKLED ICE TEA SETS
Innovation style, 1 covered Jug, 6 Touraine Tumblers, 6 colored Berry Slippers, postpaid \$5. Special "Narcissus" Presentation Perfume Set, postpaid \$3.50. Write for our free special lists for genuine imported and domestic perfume sets. Money refunded if not satisfactory. AGENTS WANTED.

CHRISTMAS NOVELTY CO., 432 EAST 71ST STREET, NEW YORK, N. Y.

Candle Eggs Before Shipment Is Urged

Plan Will Eliminate Bad Ones or Those Dirty.

(Prepared by the United States Department of Agriculture.)

Eggs shipped in interstate commerce should be carefully candled by shippers, in order to eliminate those that are bad or that may spoil en route, say officials of the bureau of chemistry, United States Department of Agriculture, who are charged with the enforcement of the federal food and drugs act. Shipments containing eggs which have yolks stuck to the shell, moldy eggs, black spots, added eggs, any other eggs which are filthy, decomposed or putrid are in violation of the law.

Federal food inspectors have been instructed to give particular attention to shipments of eggs during the warm months of spring and summer to see that the channels of interstate commerce are kept as free as possible from eggs that do not comply with the law. Shipments of eggs that are in violation of the law may be seized and the individuals responsible for the interstate shipment prosecuted under the federal food and drugs act, say the officials. Some of the states have specific laws requiring the candling of all eggs placed on sale.

Careful candling before shipment will enable dealers to eliminate the bad eggs. The elimination of the spoiled eggs before shipment not only removes the hazard of violating federal and state food laws, but it is economical in that it saves shipping charges on eggs likely to be rejected at place of receipt.

The United States Department of Agriculture has a bulletin on the best methods and equipment for candling eggs. This bulletin may be obtained without cost upon application to the department at Washington. Ask for Department Bulletin 565, "How to Candle Eggs."

Materials and Methods for Efficient Spraying

In "Some Sidelights on Dusting and Spraying Practices," Prof. P. J. Parrott, entomologist at the Geneva experiment station, said:

"The past summer was notable for the destructive work of the codling moth. Worm holes in apples were second in importance to apple scab, both being chiefly responsible for the large numbers of inferior apples produced in many orchards. Unusual abundance of side-wormy apples in carefully sprayed orchards proved that methods and materials which have been reasonably efficient in the past did not give as good control as usual."

Speaking of the double benefits, Professor Parrott said it was well to keep in mind the fact that customary treatment given to prevent wormy apples serve two objects, that of keeping the apples free from worms and of reducing the extent of the carry-over of the pest in the orchard which largely determines the degree of infestation during the following year.

Top-Dressing Hay Land Is Profitable Practice

Fertilizer demonstrations conducted by the Middlesex, Mass., county extension service, during the past year bear out the evidence obtained in previous work of a similar nature, namely, that the proper use of fertilizers on hay land produces increased crops at good profit. The returns from both nitrate of soda or an 8-6-6 fertilizer were uniformly good on the six farms in the county on which demonstrations were carried on.

In each test, a fertilized plot was compared with a check plot, the combined average yields for all six being 2.4 tons and 1.3 tons per acre, respectively. Thus the fertilizer treatment, produced an average gain of 1.1 tons of hay per acre.

Most Farm Cooperatives in North Central West

More than 45 per cent of the 10,100 farmers' business organizations reporting to the United States Department of Agriculture up to April 1 are in the seven west North Central states including Minnesota, North Dakota, South Dakota, Iowa, Missouri, Nebraska, and Kansas. Over 25 per cent of the associations are in the five east North Central states, including Ohio, Indiana, Illinois, Michigan and Wisconsin, and more than 8 per cent are in the three Pacific Coast states.

Minnesota leads in number of associations, 1,330 organizations being reported from that state. Other states with numerous farmers' business organizations are Iowa with 1,039; Wisconsin, 879; Illinois, 640; and Nebraska, 477. Seven hundred and seventeen co-operatives are engaged in retailing. These are mostly stores and a large percentage of them are located in the following states: Minnesota, 86; Nebraska, 86; Iowa, 84; Kansas, 68; Wisconsin, 49.

Cattle-Tick Eradication Now Possible Anywhere

Experience shows that it is possible to eradicate cattle-fever ticks anywhere, even on swampy, brushy, free-range land, asserts the United States Department of Agriculture in an exhibit panel recently prepared for display in tick-infested localities.

To convince the skeptical observer, the department shows a picture of such land, where eradication was accomplished and which has been free from ticks ever since. The average observer might think it futile to attempt tick eradication in a region such as pictured. The grass often swarms with young ticks.

Dipping cattle, however, kills the ticks before they develop to the reproductive stage, and ticks that do not get on cattle die in a few months. Thus the cattle-fever tick becomes extinct in one season in localities that conduct thorough systematic dipping.

FARM NOTES

Plan a large acreage of feed crops

Destroy all breeding places of flies

Mow weeds off of pastures every two weeks.

Uncovered garbage pails and manure piles are breeding places for flies.

Spray, or dust, the Irish potatoes with arsenate of lead to control the potato bug.

Plant every acre possible in soil building crops, such as velvet beans, cow peas, and soybeans.

Any farmer convicted of soil robbing should be sentenced to the condemnation of his neighbors.

For the striped beetle in the garden use Bordeaux-arsenate spray or a 2 per cent nicotine dust.

Mulch the tomato plants heavily with straw or leaves to conserve moisture and prolong the fruiting period.

Apply nitrate of soda to the garden crops if they are not growing satisfactorily. Spray apple trees to control the codling moth.

It is the duty of every family to plant a garden which will provide an adequate supply of vegetables for the entire year.

A FEELING OF SECURITY WHEN YOU USE SWAMP-ROOT

You naturally feel secure when you know that the medicine you are about to take is absolutely pure and contains no harmful or habit-producing drugs.

Such a medicine is Dr. Kilmer's Swamp-Root, kidney, liver and bladder medicine.

The same standard of purity, strength and excellence is maintained in every bottle of Swamp-Root.

It is scientifically compounded from vegetable herbs.

It is not a stimulant and is taken in teaspoonful doses.

It is not recommended for everything. It is nature's great helper in relieving and overcoming kidney, liver and bladder troubles.

A sworn statement of purity is with every bottle of Dr. Kilmer's Swamp-Root.

If you need a medicine, you should have the best. On sale at all drug stores in bottles of two sizes, medium and large.

However, if you wish first to try 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.—Advertisement.

Fire Chief on Warpath

Fire Chief Ollre's gunning for the fellow who used to live next door to a certain fire house in the outlying district.

"This goof sold his home and moved away," says the chief, "and we all thought it was because his wife had died. I met him on the street the other day and asked him why he'd moved, and the fish replied:

"I'm going to get married again, and I had to beat a fireman and a policeman to the wire to do it. A fire station's no good neighborhood decoration after an experience like that."

And now Chief Ollre thinks the firemen have been slandered.—Houston Post.

Refresh a Heavy Skin

With the antiseptic, fascinating Cuticura Talcum Powder, an exquisitely scented, economical face, skin, baby and dusting powder and perfume. Renders other perfumes superfluous. One of the Cuticura Toilet Trio (Soap, Ointment, Talcum).—Advertisement.

Cleaning Day

Daddy had been engaged in a task that covered his overalls with dust, and Doris, two years old, piled her little broom vigorously to remove all the loose dirt. Noticing Doris' soiled face Daddy inquired:

"What's the matter with your face?"

"Dirty! You sweep it, daddy," and the little girl proffered her broom.

For speedy and effective action, Dr. Peery's "Dead Shot" has no equal. A single dose cleans out Worms or Tapeworm. \$12 Pearl St., N. Y. Adv.

Refined Cruelty

The colored maid of a doctor's family was visiting the maid next door. She was discussing the doctor's treatment of his sick wife, and to show how cruel he was she concluded her statement with this:

"Why he even goes away 'n leaves the temperature in her mouth."

Stearns' Electric Paste

The Quality Product

Sure Death to Cockroaches, Ants, Waterbugs, Rats, Mice, Etc.

Greatest known destroyer of food and property also carriers of disease. Does not blow into food like powders. Ready for use. Money back if it fails 35c and \$1.50. Enough to kill thousands of roaches and ants. Sold by all druggists. Refuse substitutes.

U. S. Government Buys It

Relationship

Muriel—I don't know whether to marry Ferdie or merely be a sister to him. What do you think, dear?
Madge—Oh, Ferdie's all right for a husband, but I wouldn't want such a boob for a brother.—Boston Transcript.

Checked His Enthusiasm

Hub—What a glorious spring morning! I could dare anything, face anything, on a day like this.
Wife—Come on down to the milliner's.—Boston Transcript.

Reform the young thief and the old one will not steal.

Children Cry for Fletcher's CASTORIA

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

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

Sure Relief FOR INDIGESTION

BELLANS
6 BOTTLES Hot water Sure Relief
25¢ AND 75¢ PACKAGES EVERYWHERE

CORNS

Lift Off—No Pain!

Doesn't hurt one bit! Drop a little "Freezone" on an aching corn, instantly that corn stops hurting, then shortly you lift it right off with fingers. Your druggist sells a tiny bottle of "Freezone" for a few cents, sufficient to remove every hard corn, soft corn, or corn between the toes, and the foot calluses, without soreness or irritation.

BATHE TIRED EYES

with Dr. Thompson's Eye-Saver. Buy at your Druggist's or 110 Silver, Troy, N. Y. Bookies.

FARM—SEND FOR MY DESCRIPTIVE
price list. It will interest you. H. B. FUNK, ROYERFORD, PA. Phone 366.

QUARTER OF BLACK LOAM PRAIRIE
all tillable; level; fenced; daily mail; little perfect; good well; in coal and oil belt. MARY PETERSON, Rolling Prairie, Indiana.

SALESMEN TO TAKE ORDERS FOR MENE
high grade work and dress shoes. Direct from factory to wearer. MASON SHOE MFG. CO., CHIPPEWA FALLS, WIS.

MOST WONDERFUL SALVE FOR ALL SORES
Good for man or beast. 50c and \$1.00. THE NELSON REMEDY CO., Not Inc., 331 Lincoln Avenue, Highland Park, Illinois.

FARM—100 ACRES, ALL TILLABLE, 1,000
fruit trees, nice 2-room house, excellent buildings; price \$4,500. MT. HOLLY REALTY EXCHANGE, MT. HOLLY, N. J.

FARM WANTED—Not too far from market. Send short description and price to LOUIS LEIX, 221 ALTOONA, PA.

BRIGHTEN HAT OR DRESS
BY WEAVING QUALITY FLOWERS. Send 10 cents for Fancy and Violet. SIMPSON, 147 Hillside Ave., Newark, N. J.

DON'T BE BALD

The LUMCO scalp and hair treatment makes the hair grow thick and strong. A positive cure for dandruff, falling hair, itching scalp and scalp eczema. LUMCO products are guaranteed. Send postpaid for two dollars.

Lumco Laboratories, Kimball, Neb.

Parents, Teach Yourself, Your Boys and girls, age no barrier, to swim in a safe, safe quick way. Send for instructions. Braided Sales Co., 157 Harrison St., Paterson, N. J.

Attention! Homeseekers

Low round trip fares, five or more on one ticket, from Washington, D. C. TO THE SOUTH. Tickets sold on first and third Tuesday of each month, April 1 until December 2, 1924, inclusive. Return limit 21 days.

Splendid opportunities for money-making orchards, dairy, truck and general farms at low cost. Home and factory sites. Long crop seasons. Short, mild winters. Good markets.

Write: J. C. WILLIAMS
Manager Development Service
Washington, D. C.
SOUTHERN RAILWAY SYSTEM

W. N. U., BALTIMORE, NO. 23-1924.

Profit in "Waste"

France is putting to use the seeds and skins of grapes, converting them into seed oil and seed cakes, in which form they find a ready sale. It is asserted that it makes a satisfactory substitute for castor oil in the lubrication of high-speed internal combustion engines, and that the cakes and skins of wine residue, including both skins and seeds, are useful as stock feed. Last year a seed-crushing plant at Perpignan, Pyrenees-Orientales, carried on profitable operations, and it is said that at least one additional factory of this kind will be placed in operation in the wine region.

Take from man Hope and Sleep, and you make him the most wretched being on earth.