

"I'm open for conviction," said one lady. She liked her regular soap and washing powder. She tried RUB-NO-MORE just to see. Now you ought to see how easily she keeps house dirt-free with this "workless" dirt remover.



RUB-NO-MORE WASHING POWDER is a sudless dirt remover for clothes. It cleans your dishes, sinks, toilets and cleans and sweetens your milk crocks. It kills germs. It does not need hot water.

RUB-NO-MORE Washing Powder RUB-NO-MORE Carbo Naphtha Soap
Five Cents—All Grocers
The Rub-No-More Co., Ft. Wayne, Ind.

For Home or Investment Write for "Developing an Empire" It is free. Profit and pleasure for you. NATIONAL BUSINESS SERVICE CO., 1111 BROADWAY, NEW YORK

Make \$10-\$20 weekly in spare time or give your full time. Interesting part-time work. 1822 E. Gravelly St., Vancouver, B. C.

GUARANTEED Polished nickel, 6 pound Electric Laundry Iron, sent prepaid for \$2.48. R. H. LUX, Loganport, Ind.

AUTO CHAUFFEURS' question instruction book, 50c; satisfaction guaranteed, agents wanted. Globe Cleaning House, 249 Manhattan Ave., New York

REAL ESTATE

Wild and Improved Lands Minn., N. D. and Wis. Write for prices and descriptions. J. W. BENT, THE LAND BROS., 102 N. 3RD ST., MINN.

Home seekers, Investigate This. 17,000 acre farms, very cheap, on terms, wild land, 25c. All near railroad. Write Manager, Box 200, Minneapolis, Minn.

SELL very cheap, sickness, old; 20 acre farm, Texas, extra good 40 acre fruit farm, Ark. 100 acre Eastern Ark.; creek; little cash terms. Write JOHN ALLEN, Kewanee, Ill.

FOR SALE—1,451 A. IN BORDEN CO., Texas; fine stock farm, 40 a. cult. 2 f. hse., barn, etc.; \$10 a. J. H. Doyle, Gail, Texas.

FOR SALE—160 A. IN FRANKLIN CO., Mo.; 120 a. cult., house, outbuilds, 120 fruit trees, etc. W. W. Peister, Sfg. 3, Gerald, Mo.

FOR SALE—BEST 240 A. IN LUCE CO., Mich.; 170 a. cult., 9 r. dwelling, tenant hse., 2 barns, 7 outbuilds, 65 fruit trees, implements, etc. John P. Miller, Gorman, Mich.

FOR SALE—BEST 11 A. FRUIT and chicken farm near Kalamazoo, Mich.; 9 a. cult., house, outbuilds, henhouse, orch., chickens, mach., etc. L. Powellson, Galesburg, Mich.

274 Acres 125 acres under cultivation, 75 acres of fine grass, 200 acres timber, well improved. Ideal location. Number one stock grain farm. Price per acre for quick sale. Write for our big farm list. FARMER & GRAV, CLEVELAND, IND.

To Make Mucilage. A mucilage which holds with surprising tenacity can be made by boiling a Spanish onion for a short time and then pressing the juice from it.

His Method Exactly. The teacher in an East side school was reproaching Tommy, who had "Hecked" Heine in satisfaction for a grievance. Tommy's penitence was at a low ebb, and teacher's golden rule admonishing fell on unresponsive ears. But at last she struck a responsive note.

"The right way to treat your enemy, Tommy," she said, "is to heap coals of fire on his head."

"Yes, ma'am, that's jes what I done," said Tommy, brightening. "I give him 'ell!"

Cultured Tramp. There came to the kitchen door of a certain household in Philadelphia a ragged hobo, who took his stand against the doorjamb and gazed longingly at food displayed on the kitchen table.

"You look strong," suggested the lady of the house. "Are you equal to the task of sawing and splitting half a cord of wood?"

"Equal to it, madam?" said the tramp, with a courtly bow. "The expression is inadequate. I am superior to it."

And he went away.

NEW IDEA

Helped Wisconsin Couple. It doesn't pay to stick too closely to old notions of things. New ideas often lead to better health, success and happiness.

A Wis. couple examined an idea new to them and stepped up several rounds on the health ladder. The husband writes:

"Several years ago we suffered from coffee drinking, were sleepless, nervous, sallow, weak and irritable. My wife and I both loved coffee and thought it was a bracer." (Delusion.)

"Finally, after years of suffering, we read of Postum and the harmfulness of coffee, and believing that to grow we should give some attention to new ideas, we decided to test Postum.

"When we made it right we liked it and were free of ills caused by coffee. Our friends noticed the change—fresher skin, sturdier nerves, better temper, etc.

"These changes were not sudden, but increased as we continued to drink and enjoy Postum, and we lost the desire for coffee.

"Many of our friends did not like Postum at first, because they did not make it right. But when they made Postum according to directions on pkg., they liked it better than coffee and were benefited by the change."

Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs.

Postum now comes in two forms: Regular Postum—must be well boiled. 15c and 25c packages.

Instant Postum—is a soluble powder. Made in the cup with hot water—no boiling. 30c and 50c tins.

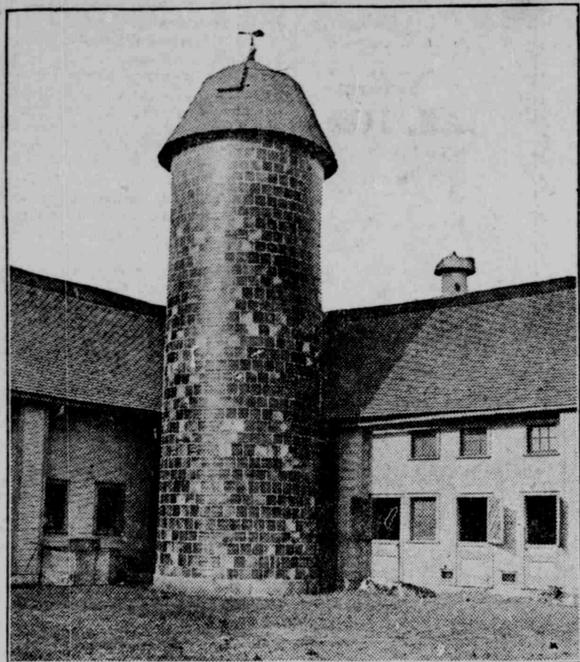
The cost per cup of both kinds is about the same.

"There's a Reason" for Postum.

—sold by Grocers.

SUGGESTIONS REGARDING SILO CONSTRUCTION

By R. E. CALDWELL, Department of Dairy Husbandry, Purdue University School of Agriculture. Purdue University Agricultural Extension.



Well Constructed Silo is a Valuable Addition to the Appearance and Usefulness of Any Farm Barn.

History of the Silo—The practice of preserving feed in air-tight receptacles has been in use for centuries in certain sections of the world. In most cases, this was accomplished by digging a pit a few feet in the ground and, after the feed was placed in and thoroughly packed, it then was covered with straw and a foot or two of earth. Such a scheme of feed storage required a special type of soil and, at best, resulted in a rather large loss of the feed stored in this manner. As the value of the silo became better known, pits of the above type were constructed and lined with tile, brick, or lumber. This method gave very good satisfaction although the capacity was comparatively less than the upright type.

During the last 25 or 30 years, the use of the silo in the United States has become quite common. At first, however, they were accepted very slowly, as the United States department of agriculture reported only 90 in use in 1882. Michigan, Massachusetts and Maryland were the first states to report the silo as an established success. Today, we find the silo used chiefly in the dairy countries, and a list of the states ranking first in their approval of the silo. Patented types of silos have simplified the construction to such an extent that there is little excuse for anyone to continue in the stock business at the present time without one.

Essentials in Silo Construction—The principle involved in the preserving of a green crop in a silo may be compared to the preserving of fruit. It is necessary to have an air-tight structure of a proper shape to insure uniform settling and a smooth interior surface to the walls of the silo. The square silo has all of the necessary requirements except that the silage in such a structure fails to pack sufficiently in the corners to prevent the air from entering and, of course, a loss is the result. Poorly fitting doors quite often permit the air to enter the silo and the silage molds as a result. It is also necessary to have the walls constructed of a material that will hold the moisture that is in the silage as it is necessary for the proper preservation of the ensiled crop.

Types of Silos—The factors to consider in the selection of a silo may be expressed as follows: Cost, simplicity of construction, durability, wind, frost and fire resistance, portability and appearance. Any structure that will provide the necessary factors of a silo and, at the same time, meet the above conditions, should be considered a desirable type. Satisfactory silos are constructed from wood stave, clay tile, concrete, brick and steel.

The wooden silo represents the first of the patented types. Its usefulness depends upon the kind of wood used, strength of hoops, convenient and satisfactory doors, grooving of staves, and anchoring. The common woods used in the order of importance from the standpoint of usefulness are redwood, cypress, Oregon fir, pine and tamarack.

The clay tile silo is growing in popularity based largely upon its durable qualities. It is non-combustible and, when properly reinforced, is a stable, permanent structure. Careful workmanship is necessary, due to the great number of joints found in this type of silo. Freight and drayage charges should be carefully considered when estimating cost of this type of structure.

Concrete is being used successfully as a material for the construction of silos either as solid walled or monolithic structures, as concrete staves or as concrete blocks. Extensive reinforcement is absolutely essential with this type of structure. Proper experience in cement construction, convenience and cost of materials and

the selection of a permanent building site are factors to be considered before this type of silo is selected.

Brick silos are satisfactory when properly reinforced, although their cost is quite often comparatively high due to labor cost.

Steel, as a material for silo construction, has a limited use. Silage stored in this type of silo is satisfactory, although the effect of the acid in the silage upon the steel is rather detrimental.

Capacity of Silos—The capacity of a silo may be calculated according to the following formula:

Square of radius of silo x 3.1416 x 40 (weight of cubic feet of silage) x height of silo.

The following table gives the estimated capacity of silos of various sizes.

Diameter of silos	24	26	28	30	32	34	36	38
Capacity—Tons	10	12	15	18	22	26	30	35
	12	15	18	22	26	30	35	40
	15	18	22	26	30	35	40	45
	18	22	26	30	35	40	45	50
	22	26	30	35	40	45	50	55
	26	30	35	40	45	50	55	60
	30	35	40	45	50	55	60	65
	35	40	45	50	55	60	65	70
	40	45	50	55	60	65	70	75
	45	50	55	60	65	70	75	80
	50	55	60	65	70	75	80	85
	55	60	65	70	75	80	85	90
	60	65	70	75	80	85	90	95
	65	70	75	80	85	90	95	100
	70	75	80	85	90	95	100	105
	75	80	85	90	95	100	105	110
	80	85	90	95	100	105	110	115
	85	90	95	100	105	110	115	120
	90	95	100	105	110	115	120	125
	95	100	105	110	115	120	125	130
	100	105	110	115	120	125	130	135
	105	110	115	120	125	130	135	140
	110	115	120	125	130	135	140	145
	115	120	125	130	135	140	145	150
	120	125	130	135	140	145	150	155
	125	130	135	140	145	150	155	160
	130	135	140	145	150	155	160	165
	135	140	145	150	155	160	165	170
	140	145	150	155	160	165	170	175
	145	150	155	160	165	170	175	180
	150	155	160	165	170	175	180	185
	155	160	165	170	175	180	185	190
	160	165	170	175	180	185	190	195
	165	170	175	180	185	190	195	200
	170	175	180	185	190	195	200	205
	175	180	185	190	195	200	205	210
	180	185	190	195	200	205	210	215
	185	190	195	200	205	210	215	220
	190	195	200	205	210	215	220	225
	195	200	205	210	215	220	225	230
	200	205	210	215	220	225	230	235
	205	210	215	220	225	230	235	240
	210	215	220	225	230	235	240	245
	215	220	225	230	235	240	245	250
	220	225	230	235	240	245	250	255
	225	230	235	240	245	250	255	260
	230	235	240	245	250	255	260	265
	235	240	245	250	255	260	265	270
	240	245	250	255	260	265	270	275
	245	250	255	260	265	270	275	280
	250	255	260	265	270	275	280	285
	255	260	265	270	275	280	285	290
	260	265	270	275	280	285	290	295
	265	270	275	280	285	290	295	300
	270	275	280	285	290	295	300	305
	275	280	285	290	295	300	305	310
	280	285	290	295	300	305	310	315
	285	290	295	300	305	310	315	320
	290	295	300	305	310	315	320	325
	295	300	305	310	315	320	325	330
	300	305	310	315	320	325	330	335
	305	310	315	320	325	330	335	340
	310	315	320	325	330	335	340	345
	315	320	325	330	335	340	345	350
	320	325	330	335	340	345	350	355
	325	330	335	340	345	350	355	360
	330	335	340	345	350	355	360	365
	335	340	345	350	355	360	365	370
	340	345	350	355	360	365	370	375
	345	350	355	360	365	370	375	380
	350	355	360	365	370	375	380	385
	355	360	365	370	375	380	385	390
	360	365	370	375	380	385	390	395
	365	370	375	380	385	390	395	400
	370	375	380	385	390	395	400	405
	375	380	385	390	395	400	405	410
	380	385	390	395	400	405	410	415
	385	390	395	400	405	410	415	420
	390	395	400	405	410	415	420	425
	395	400	405	410	415	420	425	430
	400	405	410	415	420	425	430	435
	405	410	415	420	425	430	435	440
	410	415	420	425	430	435	440	445
	415	420	425	430	435	440	445	450
	420	425	430	435	440	445	450	455
	425	430	435	440	445	450	455	460
	430	435	440	445	450	455	460	465
	435	440	445	450	455	460	465	470
	440	445	450	455	460	465	470	475
	445	450	455	460	465	470	475	480
	450	455	460	465	470	475	480	485
	455	460	465	470	475	480	485	490
	460	465	470	475	480	485	490	495
	465	470	475	480	485	490	495	500
	470	475	480	485	490	495	500	505
	475	480	485	490	495	500		