

To those who have suffered long and hopelessly from Humors of the Blood, Skin, and Scalp, and who have lost faith in doctors, medicines, and all things human, CUTICURA Soap, Ointment, and Pills appeal with a force hardly to be realized. Every hope, every expectation awakened by them has been more than fulfilled. More great cures are daily realized. made by them than by all other Skin Remadies combined, a single set, costing but one dollar, being often sufficient to cure the most distressing cases of torturing, disfiguring humors, eczemas, rashes, itchings, and inflammations of the skin and scalp, with loss of hair, when all

Sold throughout the world. Cutleurs Soap, 35a, Others, 35a, Beeslwart, 38e, Konselwart, 38e, Konselwart, Ster, Garan, Januar, Sangara, Sangara,

### CHURCH DIRECTORY.

## Preaching hours at 11 and 7:30.

her offspring, says G. H. Yeaton in M. E. CHURCH, Preaching Sunday morning and ev-American Cultivator. ening. Sunday school at 9:45. Ep-worth league at 6:3• Prayer meet-and 624 pounds of butter was nearly ing Thursday evening .- Jas. Moore, pastor.

BAPTIST CHURCH. Preaching Sunday morning and evening. Sunday school at 10. B.Y. P. U. at 6:30. Prayer meeting Wednesday evening .- J. M. Green, pas-

PRESBYTERIAN CHURCH. Presening Sunday morning and ev-ening, Sunday school at 10, Chris-tian Endeavor at 6:30. Prayer meeting Thursday evening .-- W, T. War-dle, pastor.

CHRISTIAN CHURCH. Preaching Sunday morning and evening. Bible school at 10, Senior Christian Endeavor at 6:30. Bible and prayer meeting Thursday



common among dathymen.

little or no study of the cow except in

Source of Fat In Milk,

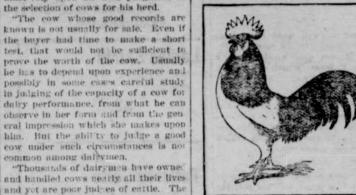
ion than upon evidence or fact."

itable dairy product for us.

A Grand Old Ayrshire.

NEW FOWLS. Professor C. L. Beach in an address itemarkable Dutch Birds-Ducks before the New Han police dairymen's That Are Becoming Popular.

convention said, nanong other things: Our knowledge in life comes either "Although the final proof of the value rom study or experience, and those of any cow and her right to be kept it who have neither seen nor heard of the the herd should depend upon her abili Lakenvelders could not possibly know ty as shown by the scales and fat test. them to be a new fowl quite like the it very often happens that a dairyman Leghorn in form, with white body must rely upon his own judgment in



reason for this is that the knowledge which they have milned from their ex-perience is superficial. They have made A LAKENVELDER COCKEREL. plumage and black backle, saddle and tail. The word Lakenvelder means in Dutch "a shadow on a sheet." Dr. A. H. Phelps describes this new breed as

or corrected their judgments by rec ords or tests. The type of a good dalfollows: "As their name suggests, these birds ry cow is a vague conception in their are of Dutch origin. In Holland and minds based more upon personal opin-Belgium, where this breed has been a favorite for more than balf a century, it was formerly known as the Jerusaearlier investigators were in lem or the Everlasting Layer. It pass clined to ascribe to protein the source of fat in milk, says L. W. Lighty in ed unnoticed by English and Ameri

can fanciers until about four years National Stockman, Dr. Armsby in his ago, when it was taken up by several Manual of Cattle Feeding says; "Ex-English breeders and immediately periments have shown that carnivor caused a sensation, which has contin ous animals on a purely meat diet pro ned to spread and now has a firm footduced normal milk, thus proving that hold upon both sides of the Atlantic. milk fat may be formed from albu-Wherever the Lakenyelder appears a ninoids." Yes, there are things we sensation is sure to follow. have not learned yet, but we are pret

"Imagine for one moment a White ty sure that the cow must have a cer Leghorn cock with a tail of mammoth tain quantity and a certain proportion roportions, having the most ample of protein, carbohydrates and fat it she is to do her best in making a prof aackle feathering upon both neck and rump. Now imagine that these hackles and tall are of the most intens Lady Fox has been a grand old cow let black, and you have a mental pic ure of the Lakenvelder. It is a living the pride of her breeder and owner picture in black and white, startling. and the wonder of the Ayrshire world: yet beautiful. The Lakenvelders equal grand not only as an individual, but in transmitting her dairy qualities to the Hamburg and Leghorn as layers."

> en from the Feathered World of England. While the Indian Runner is a new variety of duck so far as the exhibition room in this country is considered, it is not in fact a new breed to the world. In writing of these ducks Mr. J. Donald says they originally came from India to England something over fifty years ago. Soon after this they made their appearance in the show rooms of England and attracted considerable public attention. Some little time after this they were brought to the attention of the American fanciers, who have done much to improve them in

Our illustration of this variety is tak-

this country. The drakes of this variety weigh from four and a half to five pounds. the ducks about a pound less. They begin to lay when quite young. It is reported that some have been known to produce eggs when less than five months old, and, in addition to this, they are credited with having produced as many as 120 eggs in a year. The eggs of the true variety have a white

as it is daylight in the morning and

return home in the evening to be

# WATER CONTENT OF BUTTER

May Be Decrensed or Added to In the Making. In answer to query as to the regulaion of the water content of butter, E. store rooms where it will not only H. Farria; ton of the Wisconsin Dairy chool says in Hoard's Dairyman:

There is no practical method for de ity of the butter, termining the per cent of water in but ter at creatueries at the present time Several suggestions have been made in this direction, and it is to be boped Journal. that before long we may have a creamery method to determine the water and fat in butter that will be as useful and accurate as the Babcock test, which deermines the fat in milk.

The amount of water in butter may be influenced by the buttermaker to a certain extent. The so called dry butter containing a minimum amount of water is made by churning the cream at a very low temperature, so that the butter comes in fine hard granules, which are allowed to drain in the churn until they are tolerably dry. This butter is then washed with cold wash water, sait added and the butter given shape.

maximum amount of working. To increase water content of butter the erenm should be churned so that

The Leading Paper of the Pacific Coast The San Francisco Chronicle

The Weekly Chronicle The very best weekly Newspaper published in the entire West.

datrymen

\$1.50 a Year Including postage to any part of the United States, Canada and Mexico.

It is best because, besides printing all the news of the world each week in an interesting way and fully illustrating many articles, it has special depart-ments devoted to-ACRICULTURE

HORTICULTUR	E
POULTRY	-
LIVE STOCK	
MINING	
LITERATURE	
FASHIONS	
and SPORTS	
	and the second

These are presided ever by editors having a thorough knowl-edge of their specialties. The pages devoted to Agriculture, Hortioulture, Poultry and Live Stock are well illustrated and filled with matter of the greatest interest to all engaged in these industries, every line being written by those who are in close touch with conditions prevailing on this Coast. on this Coast.

SEND FOR SAMPLE COPY. It will be sent free.

Do you want the Chronicle **Reversible Map?** Showing the United States, Do-minion of Canada and Northern Mexico on one side, MAP OF THE WORLD, presenting to view in one continuous map, with all areas in true proportion, the en-tire surface of the Earth on the other side.

Send \$2 and get the Map and "Weekly Chronicle" for one year, postage prepaid on Map and Paper.

The Daily and Map By mail, postage paid

### Keep Salt Clean and Dry. Salt very readily absorbs edors and stat Cle plates where the all is pure. Too free quently it is stored in musty, damp lump, but become imprevnated with bad odor; which will impass the qualsalting the Butter.

Small butter granules require more salt that large ones, says Creamery The reason for this may be stated as follows: The surface of every butter granule is covered with a thin film of water, and since the total sur-Avegetable Preparation for As-similating the Food and Begula-ting the Stomachs and Bowels of face of a pound of small granules is greater than that of a pound of larger nes, the amount of water retained on them is creater. Small granules have, INFANTS CHILDREN therefore, the same effect as insufficient drainage-viz, washing out more Promotes Digestion Cheerful-ness and Rest Contains neither Opium, Morphine nor Mineral. salt. The shape of the granules causes more water to be retained, hence we get a larger overrun from thick cream as the granules are more ragged in NOT NARCOTIC.

900 DROPS

ave of Old Dr. SUMUEL PITCHER

Punyakin See Mx. Serena · Rochelle Salis -Anize Seed · ukin Send-

a Carbonanie Geder +

Call Flatcher.

NEW YORK.

News and Notes.

form Seed -Invited Sugar

Neatness In the Dairy. A real lover of dairy work will not think it irksome to comply with the known rules of neatness in primary as well as secondary matters, says American Agriculturist. This is a delicate subject, 1-ut an Important one. Many milkers to direct from the stables where they have been grooming horses A perfect Remedy for Constipa-tion, Sour Stomach, Diarrhoea Worms, Convulsions, Feverishor cleaning stalls and sometimes smoke while milking. If a part of the cou-tents of the pipe should get spilled into the mill: pail, what of it? A few ashes ness and LOSS OF SLEEP. do not matter. The consequence is that Fac Simile Signature of more bacteria than are necessary to duly ripen cream will often find their way into the milk pail. Cows should be groomed daily and special care given

Ath month's old the udder. Neatness of milkers' clothes, 35 DOS15-35 CLNIS hands and habits is imperative. This truth is recognized by all thoughtful EXACT COPY OF WRAPPER. The Dairy Tinware. A good method to be followed in

cleaning the tinware would be as follows: Wash first with water, at about 90 to 140 degrees, which a stiff brush (never use a cloth for washing tin-ware of this sort). The brush will get into all corners, and when there are Feeding For Color in the Yolk. any dried particles of milk sticking to Different rations very clearly affect the sides it will scratch them loose. One the color of the yolk in eggs. Messrs. Stewart and Atwood of Virginia have precaution o always be observed is never to pour hot water into a can befound that when the grain ration confore it has been washed with warm water; rinse thoroughly with warm or sisted of wheat, oats or white corn, fed hot water in which washing powder either alone or in combination with has been dissolved at the rate of one each other, the yolks were so light colored that the eggs would be quite un-suitable for fancy trade. When the fteen gallons of water .---Maryland Experimental Station

grain supply consisted entirely of Shade For a Calf. white corn the yolks were very light It is all very well to the a calf out colored, while, on the other hand, the of doors where he can have a bite of feeding of yellow corn imparted to green grass, but a shady spot to lie the yolks that rich yellow color which down in is imperative, remarks Ameriis so desirable.



THE CALF SHADE.

each year, and many new purposes for can Agriculturist. The sun beating down upon an unprotected calf greatly retards growth. If there is no natural animal in a day.

A SATISFACTORY SILO.

ture and Gives Perfect Silage. We have at one end of our barn an

us perfect silage. It is cheap to build, a permanent structure and has not cost one cent for repairs, writes a cerrespondent to Rural New Yorker. Fig. A in the cut illustrates the way the hamework is set, made of 2 by 6 inch sticks cut whatever length is wished, depending on the size of the silo you wish to build. Our sticks are elgat feet long, lap across ends and are spiked. These frames are set at dif-

ferent widths, being nearest together Imports of cheese into the United near the bottom of the silo, where the greatest strain comes. The first two Dried blood has been found very satisare tiffeen and eighteen inches apart. factory by C. W. Burkett of North Car-olina in feeding horses when the anlthe next two feet, and from this up to three and one-half feet near the top. nais are run down and thin in flesh. The whole framework for this silo can Macaroni, vermicelli and all similar be carried in a one horse wagon, while preparations constitute, as a whole, our rectangular silo, having the same the most important item of breadstuffs capacity, requires several two horse imported for consumption into the loads of heavy timber and yet it buiges at the sides. This one stays tight, as

Successful results with ginseng in the pressure is practically equal all Iowa are claimed from planting among around the silo. There are no corners evergreens and in walnut groves. to speak of in this one and no spoiled Cement is coming into greater use silage.

We dug a ditch about eighteen inches which it is excellent are being found. wide and two feet deep around where It is claimed that flies may abstract the framework was to set, this we flias much as a pint of blood from Aa ed with small stones and cemented The center was on hard pan leveled up

. .

In

Use

For Over

**Thirty Years** 

Cheap to Build, a Permanent Strucoctagonal silo built in 1893 that gives

For Infants and Children.

The Kind You Have

**Always Bought** 

Bears the

Signature

of

evening.

EVANGELICAL CHURCH. Preaching Sunday morning and ev- of milk and 576 pounds of butter in aning at the Dallas college chap-1, one year to her credit, and by Lukilela, Sunday school at10. Christian En with a record of 12,187 pounds of milk deavor at 6:30. Prayer meeting Thurs- and 543 pounds of butter, both daughlay evening .- A. A. Winter, pustor, ters of Lady Fox.

### Sanitation In the Hog Lot.

There are a few fundamental facts all milk sold in the cities always into be remembered in order to avoid creases the average of butter fat in the losses by reason of the presence of hog product .- Farmers' Advocate

swipe plague in the herd. The first is that these are specific germ diseases, disseminated by bacteria, and

the contagion cannot be spread from of good, preaching the gospel of clover one animal to another or from one herd throughout Pennsylvania, says the Nato another except by these minute or- tional Stockman. Dr. Thaver says They may be carried in a that he cures his clover chiefly in the multitude of ways-by the hogs them- shock and that a rain does not damage selves, on the clothing of persons, on it much. Those of our readers who do vehicles. In food, by dogs, birds and not shock the clover until it is nearly other animals or by streams. The cured may fall to understand how this preeding or feed of a hog cannot cause may be, but note Dr. Thayer's stateeither disease, although bad methods ment: He puts the clover into shocks may so werken the constitution and "as soon as the stalks and branches vitality that the animal becomes more have wilted and before any of the susceptible than would otherwise be leaves are dried." The shocks are narthe case. Second, diseases caused by row and broad at the top, so that they bacteria may the prevented in barge will not burn. Clover that is barely part by thorong's disinfection. Third, wilted settles together very closely, bacteria are generally preserved in and water does not penetrate it easily. fith, and therefore separations cleanil. This method of making clover hay is ness will go for toward roeven 'ug out- practiced also by the Raistons of Armbreaks of d strong county, Po, and they rather

### ed clover has gone into shock. Corvallis and Eastern Bailroad.

TIME CARD NO. 24.	
No. 2 for Yaquina :	the sile
Leaves Albany	experb Cultive
Leaves Corvallis 1:45 p.m.	by en
Arrives Yaquina 5:40 p m	grains
No. 1 returning:	sold on
Leaves Yaquina	twenty
Leoves Corvallis	New J
Arrives Albany	quanti
No. 3 for Detroit:	which
Leaves Albany 1:00 a m	silage.
Arrives Detroit 6.00 p m	Penson
No. 4 from Detroit	might
Leaves Detroit 6:30 p m	cannot

Arrives Albany ... Train No. I arrives in Albany in time to connect with the S. P. southbound train, as well as giving two or three tate trying the experiment. hours in Albany before departure of S P. Northbound train.

Train No. 2 connects with the S. P. trains at Corvallis and Albany giving direct service to Newport and adjacent beaches.

Train No. 3 for Detroit, Breitenbush and other mountain resorts leaves Albany at 1 p.m. reaching Detroit at about 6 p. m.

For further information apply to EDWIN STONE,

Manager. F. Cockrell, agent, Albany. H. H. Cronise, agent, Corvallis.

gopher

of other varieties. LADY FOX. equaled by Meewe, with 11,252 pounds that they are great foragers and will go all over the farm in search of animal food, such as bugs and worms of all kinds, of which they are very fond. Frequently they will start out as soon

Inspection of Milk.

The rigid inspection by the state of

### Clover Haymaking.

fed. This is a disadvantage, as they Dr. I. A. Thaver has done a state full

INDIAN BUNNES DUCKS.

must be confined in the house every night and kept there in the morning until they have dropped their eggs. These ducks are becoming quite pop ular on the farm, as they do not care so much for the water as do some other kinds and lay a large number of welcome some ralu as soon as the wilteggs for waterfowl. Where one male

Brewers' Grain Silage

dling the kiln dried brewers' as they are today commonly

lings very easy to grow. If well cared Speaking of using brewers' grain in a half to four and a half pounds dur-. Director Hills of the Vermont ing the winter, and the young make nent station says in American splendid broilers -- Country Gentleman, tor: I see nothing to be gained

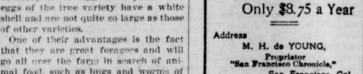
### Foreign Dairying.

the New England market. Some According to an American consular years ago, while I was at the authority, the production of butter in racy station, we ensiled large Russia had been doubled in the last les of wet brewers' grains. ten years. The progress has been parformed a nutritive and palatable ficularly rapid in Siberia, where there well relished by cattle. I see no are now said to be 668 creameries or theoretically that this material factories. It is estimated that Russia has not be put in with corn, yet I 10,000,000 cows, producing 350,000 metcite any actual experience. ric tons of butter and cheese per an-Denmark is credited with only procure them at a low price, with my 1,050,000 cows and with an annual propresent information, I should not hes! duction of 60,000 tons of butter and cheese, great though the butter exports

of that country are. Germany is placed next to Russia, with 8.950,000 cows and Plowing by the Gophers. It was Darwin who credited the earth- 300,000 tons of the two products named worm with making the earth fit to above. grow crops. Mr. Thompson Seton now

### start the Cow Right.

notes in the Century the absence of these angleworms in some of the Now that lumbering is about a thing western states and tells that the little of the past R behooves the people ingopher which burrows at a depth of terested to enter into stock rais ng and from three inches to two feet performs buttermaking, which no doubt will be the same service. Farmers claim that, obectionable as the work of the gopher sometimes is, the land is twice as fer-being an abundance of hay producing the after being plowed down by the land .- Royalton (Minn.) Banner.



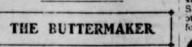
San Francisco, Cal. CIECULATION DEPARTMENT

UNEAD OF the temperature of the buttermuz is newl.ere between 55 and 60 and he butter rather soft when it comes This is then washed with water of a temperature between 55 and 60, and af er washed the granular butter is not allowed to drain for a very long time. After salting this damp butter it should be given a minimum amount of workng and the water content of the finished product will probably be at least 15per cent The buttermaker must learn from his

own practice and the appearance as well as the weight of the butter he makes from a given amount of cream how to churn, wash, salt and work butter in order to get the required amount of fat and water in the finished product.

### West Virginia Dairymen.

The West Virginia Dairy association has concluded to offer as a prize for the highest scoring pound of butter exhibited at their meeting in Charleston in January, 1905, a Jersey heifer calf; for second best, a family size barrel is provided for every five females the churn. The butter is to be produced th eggs are usually fertile and the duck- the state of West Virginia. A comp tent judge will be secured and will tell for, they will dress at from three and wherein each package of butter is lacking and at the close will deliver a lecture on dairying .- National Stockman.



Good butter should be mild, sweet, clean and pleasant in flavor, says Creamery Journal. It is impossible to describe the delicate aroma which makes up nearly one half the value of butter. Lack of flavor, bitter, greasy, lardy, fishy, woody, cheesy, dirty, but-0 termilk, cowy, musty and cooked flavors are common defects. The grain and texture should be waxyfirm yet pliable-should break like a ploce of cast iron and not be greasy or salvy in appearance. The col should be uniform, clear and brig. L. ranging from white to a yellow shade. shou'd be no mottles, waves, last shipments went to 85 cents a bas-There streaks or specks in the butter.

ket

See.

0



de at hand, use the device sl the cut. Two stakes, driven on a slant, support a square frame of wood that is

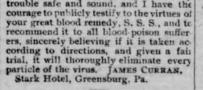
The largest sum ever paid for a precovered with burlap or any cheap' cloth. The the calf so he can just reach scription changed bands in San Franthe shade, but cannot tangle the rope cisco, August 30, 1901. The transfer about the stakes. The stakes can be involved in coin and stock \$112,500. shifted to new ground in a moment and was paid by a party of busi-when it is necessary to move the calf. ness men for a specific for Bright's

diserse and diabetes, hitherto incurable diseases.

They commenced the serious investigation of the specific November 15. 1900. They interviewed scores of the cured and tried it out on its merits by putting over three dozen cases on the treatment and watching them. They also got physicians to name chronic, incurable cases, and administered it with the physicians for judges. Up to August 25th 87 per cent of the test

BRICHT'S DISEASE

to tell you the great good your remedi-has done me in a case of Contagious Blood Poison. Among other symptoms I was se verely afflicted with Rheumatism, and got almost past going. The disease got a firm hold upon my system; my blood was thor ouchly poisoned with the virus. I lost in hold upon my system; my blood was thor oughly poisoned with the virus. I lost in weight, was run down, had sore throat eruptions, splotches and other evidencer of the disease. I was truly in a bad shapp when I began the use of S. S. S., but the persistent use of it brought me out of my trouble safe and sound, and I have the courage to publicly testify to the virtues of your great blood remedy, S. S. s., and te recommend it to all blood poison suffer-era, sincerely believing if it is taken ac



pelled by a ser

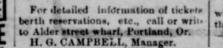
Painful swellings in the groins, red erup tions upon the skin, sores in the mouth and loss of hair and eyebrows, are some of the symptoms of this vile disease. S. S. S is an anticlote for the awful virus that attacks and destroys even the bones. S. S. S. contains no Mercury, Potash or other mineral ingredient. We offer \$1.000 for proof that it is not absolutely veget ment book giving

ment book giving the symptoms and other interesting **Bailey Gatzert** and valuable info Regulator on about thi lisense, mailed **Dalles** City free. Our physi-cians advise free those who write us. Metlako The Swift Specific Company, Atlanta, Ge

### Connecting at Lyle with the Columbia River and Northern found the old fashloued Malden's Blush one of the most profitable of ap Railway Company for

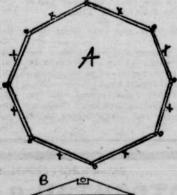
ples. He stored a lot green, kept them Wahkaicus, Daly, about three weeks and then started Centerville marketing them at 55 cents, and the and all other Klickitat valley pe

Steamors leave Portland daily, except Sunday, 7 a.m., connecting at Lyle with C.R. & N. train & Goldensiale at 5:30 p.m., train arriving at Golde date at 7:36 p.m. Steamors arrive The Dailes 6: p.m., steamor leaves The Dailes daily, except Sun day, at 7:30 a.m. C.R. & N. train leaving Golde date at 6:16 a.m. connects with this steamor for Por-hand, arriving at Portlack at 6 p.m.



with small stones and cemenced, and after sllo was nude run up a little en he side of the silo so rats could not get under the bottom. Rats and mice. if possible, will burrow under a sile and et air in and spall considerable silage. On this foundation we set our first framework and succeeding ones at va-

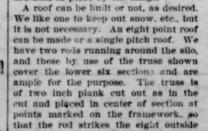
rious widths, as before stated, each section held up by a piece of 2 by 6 un-der the end of each piece, so that for each section eight shore pieces are required besides the 2 by 6 pieces. On



AN OCTAGONAL SILO.

the inside of this frame is one thickness of matched lumber running up and down, and the only care is to get each board tight at the ends of the framework section. One thickness is better than two, or two with paper be tween, as it will dry out quicker and last longer.

The outside may be covered or not, as desired. We covered ours with matched umber for looks largely, although it nakes a dead air space, so that, though ours faces northwest and the mercury goes almost out of sight sometimes, we are not bothered with frozen silage We have two doors on one side for filling, and four doors open into the barn for feeding. These are simply traps between sections of the framework and are held in place by the silage.



corners and the width cut in the truss.

The Separator.

Four cows with a modern separator will make as much butter as five with the shallow pan method of separation. -Farm and Ranch.

