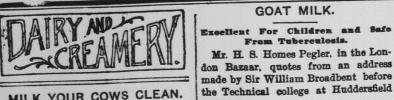


THE SEMI-WEEKLY TELEGRAPH, ST. JOHN, N. B., APRIL 8, 1899.



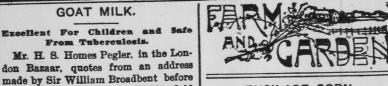
MILK YOUR COWS CLEAN. Otherwise They Will Tend to Dry Up In Short Order.

"Until the last few years the idea was that consumption was a disease It is a well known fact that cows not which was in the family, a constitumilked elean will tend to dry up in tional tendency which could only be acshort order, says Professor D. H. Otis of the Kansas college. Another imporcounted for by heredity and against which it was in vain to strive, an intant reason for milking clean is to get all of the butter fat, which is contained evitable evil to be submitted to as a decree of inscrutable Providence. Added in a much larger per cent in the last than in the first milk drawn, as is to this was the impression that it was incurable, and thus efforts to relieve shown by the following experiment which the college dairy has conducted, and cure it were paralyzed. But these ideas, I am thankful to say, are wrong. showing the importance of clean milk-Tubercle is not inherent in the constiing: Five cows that were giving a fair quantity of milk were selected tution. Consumption is not an inevitable disaster inflicted by a mysterious and their milk collected in half pint fate. It is, on the contrary, one of the bottles, each teat contributing its share products of men's ignorance and careto every bottle. These samples were tested with the Babcock test, with the lessness. We now know how it is brought about, and it is within the following results power of man to prevent it. Consump-

Cow No. 6 varied from .6 of 1 per cent to 7.3 per cent. Cow No. 10 varied from .2 of 1 per cent to 6.6 per cent. Cow No. 14 varied from 1.6 per cent to 5.8 per cent. Cow No. 15 varied from 1.5 per cent to 6.8 per cent. Cow No. 20 varied from 8 of 1 per cent to 7.8 per cent. The results show a gradual, although not entirely uniform, increase in the per cent of fat from the beginning to the last of the milking, except with the last two samples drawn from each cow. Here the per cent of fat would take a sudden leap, amounting often to a third or a half of the total variation. This shows very clearly how important it is to get all the milk. By averaging the results it was found that the last quarter of a pint was worth from three-fourths to one and a half pint of milk first drawn from the udder. Moral: Milk clean and get fat.

Convenient Cattle Rack. B. E. Carroll in The National Stockman presents a plan for a cattle rack which does not waste feed and in which the animals will not get stuck. This rack is 5 feet wide at bottom and top tion." and can be made any length; corner posts 6 by 6 or round poles 9 feet long set in the ground 2 feet; top end pieces 2 by 6 pinned or spiked to poets; top side pieces 6 by 6, or 6 inch pole the length rack is wanted, placed on inside that the shrewd physicians of past days

used to order asses' and goats' milk for persons threatened with consumption." ากการที่สำนักการที่สา



GOAT MILK.

From Tuberculosis.

as follows:

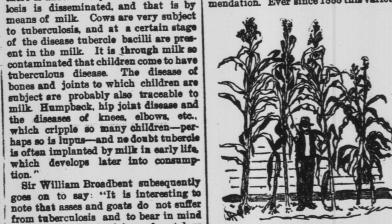
ENSILAGE CORN.

Favorable Words For the Leaming as to Yield and Quality.

The changed conditions brought about through the use of the silo, together with an increasing use of soiling crops, have developed an interest in knowing the relative value of crops used for these purposes. Their real value must be solved by the individual. Conditions and kinds of soil, the domestic animals kept, together with conveniences and facilities for handling the crop, go a good way toward solving the problem. Recognizing these facts, the New Hampshire station has been testing various forage plants for the last three years, and its experience with ensilage corn is reported as follows by Professor F. William Rane.

Many varieties of ensilage corn have tion is 'caught,' to use a familiar exbeen grown at the station for the past pression, from a pre-existing case-not. few years, but the question resolves itlet me add at once, communicated diself down to two varieties, which, we rectly from person to person by breathbelieve, are the ones best adapted to our conditions-namely, the Learning ing the same air or even sleeping in the same room. The agent in the causation and the Sanford. The former is preferand transmission of the disease is the able, we believe, for the southern part tubercle bacillus, a minute rodlike orof the state, and the latter perhaps for ganism which multiplies at an alarmthe northern. Both mature sufficiently ing rate." After mentioning dust as for ensilage here at the station.

one of the means by which consumption The Sanford is too well known to is spread the lecturer continues "But farmers generally to need any recomthere is another way in which tubercumendation. Ever since 1888 this variety



FOUR VARIETIES OF ENSILAGE CORN.

lace is useless. The chief difficulty in making these This statement, says Mr. Pegler, years ago. Last year we planted about trimmings at home is the time necessary ball the crop to each. The present seahas been the main crop here until three

FASHION NOTES. Bright Colors and Rich Trimmings Predominate.

Rich Decorations In Embroidery and Tanic costumes are made sometimes with a shorter second skirt over the first, sometimes with a princess body on the principle of the redingote. For short wo-men a long tunic over a lower skirt which does not flare very much is most becom-tions which a taller figure may wear the Embroideries upon cloth, applications of velvet upon cloth, galloons and incrus tations are more than ever the order of the day, having had great success during ing, while a taller figure may wear the short tunio with a more ample lower skirt. Velvet is a great resource for rich toilets for day or evening wear and for bright

be thus decorated without excitation of the per-pense, since the velvet motifs may be pur-chased separately and applied with em-broidery stitches or sewed down under a narrow cord. Guipure motifs may be used in the same way, and also the heavy de



DRESSING SACK. bodieces to accompany neutral tinted or dark skirts. In spite of all efforts to do away with it, the bodice differing from the skirt still flourishes. Such corsages are lavishly trimmed with all the elaborate desorations which the market now affords. The more they are ornamented the more fashionable they are. They are carefully fitted at the back and around the waist, although the front is often full. The sheaves are long and close, trimmed pro-facely, but without furfiness. An illustration is given of a novel dressration is given of a novel dress

An illustration is given of a novel dress-ing sack, which is a compromise between the familiar combing towel and a jacket. It is made of percele or other wash goods and has a yoke in front, being laid in physics at the back. The front is gathered to the yoke, and the side edges of both back and front are finished with a ruffle, which makes argues the shoulders. There back and front are initiated while a func-which passes acress the shoulders. There is also a raffle around the mock. The gar-ment fastens on the left shoulder. JUDIC CHOLLET.

ACCESSORIES.

at Additions to the Fashion. able Toilet. ohin idered crepe

VELVET BODICE.

gown of the bridesmail must be white or light in color, but not necessarily of silk, cloth or woolen goods being entirely par-

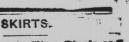
The cut depicts a close bodice of royal

The cut depices a close bounde of royal blue velvet with gold dots. It is very tight and has a basque which is short over the hips and forms coattails at the back. It fastens in front with three gold and

The Bacon-Shakespeare Folly.

JUDIO CHOLLET.

missible.



3

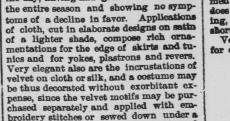
These Continue to Cling, Ripple and Trail.

Skirts are perfectly tight around the ter -so tight that there can be no increase in tightness, for every plait has been eliminated, and even at the back the stuff is drawn entirely tight and plain. Of course eareful fitting is necessary, but the darts sible, which is not difficult where there are several seams. Where there are not, however, the darts are kept small and are pressed very flat, so as to be hardly via ble. It is always better to have two small darts than one large one, as the large one is apt to leave a bagginess in the skirt where it terminates.

The circular, rippling effect still holds its own at the foot of the skirt, which long and flaring. The charm of them graceful garments is much discounted, however, when they have been wern for



SPRING COSTUME. walking in the street several times and have swept up the assorted dust and debris which cumber the ground. If a trained and of liberty gauze form elegant and ways be held up. A pretty pettiene neath will excuse the act, and until ways be ashionable belts. The swiss girdle of will be avoided. A picture is given of a costume of tur-quoise satin cloth. The skirt opens at the-side over a plaited, panel of light mauve bengaline, crossed by torsades of turquoise velvet, fastened by oboux with jeweled middles. The bodies forms a boliew plait in the middle of the front and opens at the left side over a plaiting of light mauve bengaline, which is adorned with velvet torsades and choux like those on the skirk. The alceves of turquoise satin cloth are will be avoided. torsades and choux like those on the skirt. The sleeves of turquoise satin cloth are open at the shoulder, where plaitings of mauve bangaline appear, with velves bands and choux. The hat of turquoise satin is trimmed with light mauve silk, a jeweled buckle and famey feathers. JUDIC CHOLLEST.



FINE TRIMMINGS.

Application.



HOMEMADE RACK FOR COWS f posts; notch in a 2 by 6 piece inches from the ground in posts at each end, and on the center of end pieces lay a 6 inch pole. This pole makes the bottom of the rack. Then take 114 by 6 boards 7 feet or flat rails and make a

quite unknown. In France this subject has received more attention. Professor V shaped rack by nailing one end to Nocard stated some seven or eight years bottom pole and top end to top pieces or poles. Board up the ends with any scrap since that out of 130,000 goats and kids brought to Paris for slaughter at the number, and on each side put 12 inch shambles of La Villette every spring the bottom board and 10 inches above this meat inspectors of that city failed to place a 6 inch top board, and by this discover a single case of tuberculosis. ou will have a manger to catch any He even added that inoculation fails to hay the cattle may drop in pulling their introduce the fatal bacillus into the hay out of the rack, and by stripping this manger sheep can be fed when not system of the goat, although I believe the statement has since been question-ed. Anyway, I have been told by vet-

nsed for cattle. Canadian Cheese

erinary authorities in this country that attempts made in England have failed. Goats' milk as a diet for children has About 13 years ago, says Professor Robertson, Canadians adopted a sys-tematic plan of cheesemaking, thus many advantages over cows' milk, as I producing a uniform quality, which found favor in the British markets. Of have often demonstrated, but this one great virtue transcends all others, and it is inconceivable that parents knowlate the taste of British consumers has ing this and having the opportunities and accommodation for goat keeping should not avail themselves of so simchanged, and the demand now is for a mild lavored cheese. It is necessary to cater to this demand, if the market is ple and economical a means of at once to be retained, and unless Canadian providing their children with the most makers cure their cheese at a low temeasily digestible and most nourishing perature their trade will decrease. The curing room ought to be kept at 61 or of food and safeguarding them from one of the greatest evils that civiliza-62 degrees F. A warm curing room makes the cheese strong. If the tempertion of the present day is subject to. ature of the curing room goes up to 90 degrees F., there will be awakened in the cheese dormant life, which cannot Good Rules For a Butter Factory. The Waterford (Me.) creamery holds

closely to the following rules with its patrons, and the result is quality in the be easily killed. Some makers have one stove in the curing room, and the result is that the cheese near the stove roasts, while the temperature at a disproduct: All tanks in which milk or cream is tance from the stove is allowed to go set shall be kept clean and sweet and located where they will not be affected down to 50 or 40 degrees F. Improve by odors from the barn nor any other ment in the curing room is needed and a uniform temperature should be main-tained. Double doors and windows odors which may be injurious to the flavor of butter. The temperature in said tank shall should be put on and kept on all sumbe no warmer than 47 degrees F. and not cold enough to freeze, 45 degrees being the most desirable temperature. mer. The walls and floors should be made tight and close by two thicknesses of building paper and one thickness of tongued and grooved lumber. An old and that cream shall be kept in such tank until taken therefrom by the colcuring room should be washed with lime to kill the fungous growth. A cur-Collectors shall be inspectors of cream ing room in the cellar, properly ventiand shall be forbidden to take any lated, would make a good curing room, which is sour, dirty or frozen or for-

and the cheese would not aweat.

Cleaning Cans.

corrected.

cerned

lector in his capacity as such.

Experiments have shown that milk high grade butter until such objection stored in sterilized cans will keep near or neglect on the part of the patron is ly twice as long as when kept in cans washed in the ordinary way. To clean a can thoroughly or free it from germs, C. B. Lane of the New Jersey experiment station states that it must first be scrubbed, then scalded out with boiling water, care being taken that it is for correction. boiling, or, better still, use live steam under pressure. No living organism can withstand steam, not even bacterial spores, although some of them will re-sist a temperature of 200 degrees F. In dairy houses supplied with a boiler it can easily be managed to turn cans over a jet of steam having a pressure of 15 or 20 pounds. After steaming cans should be kept bottom side up, as bacteria tend to go downward. There are patent "milk can washers" on the mar-test which ran by power, but for the ordinary dairymen hand brushes will be found just as effectual and more

coming from a medical authority of half the such high standing, brings the claims son fully three-fourths of the ensilage crop was of the Leaming. Unlike the Sanford, which is a white

of the goat before the public in a very conspicuous manner and should give an Unlike the Sanford, which is a white fint, the Leaming is a yellow dent corn, and is one of the earliest grown. The ears are large and handsome, with deep grain and a small cob. The stalks grow to a medium size, from one to two feet taller than the Sanford. It is very leafy and usually produces two good ears to the stalk. It adapts itself to varicus kinds of soils equally as well as the Sanford. important fillip to goat keeping. It is, however, no new discovery, having been known to the scientific world for many years, and yet in all the lectures and treatises on tuberculosis how rare ly do we find it mentioned ? From this cause to a large proportion of the medical profession and to the bulk of the general public the impor-

as the Sanford. tant fact above mentioned is probably The comparative yields of the two varieties during the past seasons have been from two to four tons per acre in favor of the Learning. Not only has the yield been much better, but Professor Morse, who has had charge of the feeding experiments, tells me that the ensilage is equally as good as that of the Sanford, and changing from the one to the other makes no perceptible difference in the milk flow or its composition. It is hoped that all who are interest-

ed in ensilage will give the Learning corn a small trial at least. The cut is a photograph of four varieties. Beginning at the left hand side, they are Mosby's Prolific. Learning. Pisers and Sanford

Sugar Beets and Sorghum In Ohio. The general results of analyses of sugar beets for 1898 in Ohio show that the beets were less rich in sugar and 50 at has depears as a separate showed lower purity than in 1897. Using skirt, the other remaining shorter. The tunic, once freed from its union with Many fine plots of beets were grown in the state, however, notwithstanding these less favorable results. Taking the experience of the two seasons, it is evi-dent that the problem of profitable beet sugar production is not yet solved, for the northern third of the state at least. The state station desires that tests should be repeated by those who have had experience in growing beets in 1897 and 1898, and to this end it will furnish tested seed in quantities sufficient to plant one-fourth to one-half acre of beets to such as will undertake

to carry out the test and report the re-sults as in 1898. The station also offers to send out sorghum seed raised under the auspices of the national department of agriculture at Medicine Lodge, Kan. It desires to send this sorghum seed es pecially into the southern counties, where experience has shown the conditions to be unsuited to the culture of the sugar beet. Farmers willing to cooperate should send their addresses at once to the experiment station, Wooster, O., stating the area of land which

any reason which in their judgment they are willing to cultivate. renders it unfit for the manufacture of Spray Early In Spring. "The first spraying should be done

early in the spring, before the buds open, and it must be done thoroughly. It shall be the duty of all patrons to report at the factory any incompetency or negligence on the part of any col-The second should be done after the trees are through blossoming, while the third may come 18 to 20 days later. All errors should be reported at once The fact that the success of a creamery depends far more upon the quality than upon the quantity of its product necessitates that the practice of any spraying need a thorough scraping, as patron tending to lower the standard of in the case of the elm trees. Then the grade of that product should be disbrush and other waste matter, includcouraged and such patron be dropped from the list, in justice to all coning all dead leaves and rubbish, must be removed from the grounds and burned. Do not leave it near the trees or in the roadway, for the eggs deposit-ad therein will hatch in the spring. If there are dead trees or badly diseased Wasting Costly Feed. There is too much pouring of costly ones here and there in the orchard, cut them down and burn them," says an Orange Judd Farmer correspondent. feed into animals which are unprofita-ble and which are handled unprofitably. There is too little attention given te the kind of cows we keep.

and under deft fingers the very long. The illustration given today sho

ashionable belts. The swiss girdle of black satin, embroidered with crystal drops, placed close together, is a brilliant accessory, back and front being alike and the girdle being worn with a bolero. These boleros are often very brilliant also, being composed of narrow straps of silk ribbon interlaced and studded with span-gles and caboohons. As an example of fashionable color combinations may be quoted turquoise cabochons and emerald green spangles on dark blue bands. Infinitesimal buttons, quite useless as buttons, are employed as a decoration, bethe top and embroidered epaulets. The collar is of dark green velvet, with banbuttons, are employed as a decoration, be

collar is of dark green velvet, with bea-galine tabs trimmed with the velvet. The toque of olive green velvet is trimmed with black plumes and a chou of glace olive velvet with gold pins. JUDIC CHOLLET.

BENGALINE GOWN.

signs in worn lace, where the connecting mesh has become broken and the lace as

TUNIC COSTUMES.

Many Ways of Varying the Second Skirt. In contrast to the long lines which have

prevailed lately by reason of the flowing cut of sheath skirts and princess gowns cut of sheath skirts and princess gowins the tunic skirt appears as a pleasurable change and promises to be a marked suc-cess. Its approach was insidious, seeming to be a natural result of that freedom which fashions permitted in allowing the body of the skirt to be different from the circular fournes which was mounted upon

body of the skirt to be dimension roun the circular flounce which was mounted upon it. The flounce gradually assumed differ-ent forms, rising at the back and dimin-ishing in front or designing festoons, and so at last it has detached itself from the uncorn part and supervised a converte

the flounce, takes all sorts of fai

EVENING GOWN.

where shown, the doubt concerning the authorship of Shakespeare's plays was in part a reaction against the extravagances of doting commentations bubin international shapes. It is open or closed, pointed, slashed, shorter in front or at the sides or at the back, crossed or in the redingote style. The tunic is a little more ample than of doting commentators, but in its original form it was simply an insene freak. The third may come 18 to 20 days later. The fourth spraying is due about three weeks later. A tree is sufficiently sprayed when the drops of the mixture are seen hanging from the branches and leaves. Many orchard trees besides spraying need a thorough scraping, as quired. The picture shows an evening gov/n of

The picture shows an evening goven of pale green velvet. The skirt has applica-tions of jet embroidery and is partly veiled by a pointed tunio of black gauze, which has a satin border embroidered with jet. The bodive is entirely covered with draped gauze and has embroidered hands like those on the skirt. Jet straps cross the shoulders and also the top of the slowes, which fall off the shoulders. The slewes themselves are of wrighted gauze, unlined. Junce Choller.

form it was simply an insense freak. The unfortunate lady who gave it curreacy be-longed to a distinguished Connectiout family, and the story of her malady is a sed one. At the age of 84 she died in the asylum at Hartford, two years after the publication of her book, "The Philosophy of Shakespeare's Plays Unfolded." The suggestion of her illustrious namesake and perhaps kinsman as the author of Shakes-peare's works was a clear instance of the megalomania which is a well known symptom of paramola, and her book has all the hazy incoherence that is so quickly recognizable in the writings of the insana. A friend of mine once asked me if I did not find it, hard to catch her meaning. "Mearing!" I exclaimed. "There's some to catch."

FASHION NOTES.

Items Regarding: the Wardrobe of the Period.

Hats of white or pale gray felt are much Hats of white or pale gray felt are much -worn. They are trimmed with white er bright colored velvet. Long feathers, flar. ible and brilliant, are employed and are. either plumes of the argus phesenet or fan-ey plumes somposed of small, overlapping feathers. They are curled around the crown or carried along the brim of the hat. Parma violets or shaded violes, with foliage, are particularly pretty on white and gray hats. Waterproof wools and silks are now ob-

Waterproof wools and silks are now ob-tainable and are used for traveling gowne-and wraps. A very useful garment is a. long rediv.gote of gray or beige waterproof: eloth which will cover the entire costume. The general form of skirts remains the same-fifst and tight at the top, flaring and long at the foot-but the variations-in cibets respects are infinite. Sumetimes



SPRING HAT.

the skirt buttons at the back, sometimes at the side. It opens over a side panel or a tablier. It assumes a tunic form or som-sists of two or three circular ruffies or bands of stitching or ribbon simulate su-perimposed skirts. The great aim of the dressmaker is to conceal the darks and seams as much as possible and to hide the fastening, and all sorts of ingenious trim-mings are employed to secure this nexult. The illustration shown todes is of a spring hat of wood brown tode straw. The underside of the brim has three raised bands of the same straw. Around the brim is a drapery of cheary velves veiled by cspucin tulle and at the side a cluster of edelweiss, with foliage. The brim is lifted at the back, where are placed a shou of capucin table and another of ref ross. the skirt buttons at the back, sometime JUDIO CHOLLET.



ing arranged in lines, groups and clusters, designing motifs and enriching embroid-Bridesmaids usually carry flowers at a wedding, but their bouquets, like that of the bride, are quite small, quality more than quantity being desired. Very costly flowers are chosen, but few are used. The

