# POOR DOCUMENT

## THE SEMI-WEEKLY TELEGRAPH, ST. JOHN, N. B., JUNE 17, 1899.



SUGAR BEET DISEASES. Three Fungous Troubles of Impor-

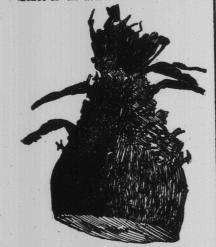
tance to Beet Growers. Many diseases of the sugar beet are known in the old world where sugar beet culture has long been an important industry, and already some diseases have become of consequence in this country. There are at least three in the state of New York, to which Professor B. F. Duggar has been devoting attention, and under the title, "Three Important Fungous Diseases of the Sugar Beet" (bulletin 163, Cornell), he publishes the coop, having a board floor. results of his investigations.

Beet root rot was first brought to Professor Duggar's attention as a disease of small extent in the vicinity of Binghamton. It was afterward reported from several other places, but has not yet proved common. It may be the same trouble that has several times been very destructive to the sugar beet industry in Germany. The first evidence of an attack is manifest in the

mit to their chicks.

If you are not more than pleased with

years.



#### QUEER OLD LAWS. CARE OF BABY CHICKS. Whatever Is Worth Doing at All Is Saxon Forefathers Valued Horses

Higher Than Human Life. Worth Doing Well." Among our Saxon forefathers horses Many a busy farm wife adds to her were so highly valued that while homimanifold duties the rearing of chicks. The feeding and care that she bestows cide might be compounded by payment on these attractive little creatures are of a fine in cattle, horse stealing was a not wholly given because they are capital offense, says the London Live things of beauty, but because she knows Stock Journal. Later, when cattle that there are good "returns" in store ceased to be their only wealth and coinfor all the time and feed that she be- age came into use, pecuniary fines were stows properly upon the wee chicks. inflicted for homicide. By the riparian Properly bestows, mind, for improper laws the option of payment in coin or cattle was allowed. Under the salic and insufficient food, overfed or irreguand riparian laws homicide had diflarly fed chicks, entail a loss or result in a disappointingly small profit. When ferent degrees of guilt, decided, not altogether according to malice, motive or chicks are 24 hours old, they may usually be removed with safety from the intention, but also and apparently this nest, if they are placed in a sunny, was the chief consideration, according sheltered nook or corner, in a rainproof to the rank of the person killed. A similar regard for the dignity of the person Carefully examine mother biddy, and, if not entirely free from lice, subrobbed also entered into the estimate of the guilt of theft, in connection with ject her to the cleansing fumes of some the value of the property stolen. For good lice killer. If you have none, satstealing a sucking calf, restitution to urate an old rag with kerosene, rub her legs well and brush over the feathers lightly, taking especial pains to rub the the estimated value of the animal was first of all due to the owner, then cost of the owner's plaint must breast feathers, wings and under part of the body feathers, but do not have be paid by the thief, and, thirdly, a fine paid to the state as a penalty wet enough to drip. Place her in the coop with her babies. Hens treated in this way once a week or once in two for breaking the law. For stealing a bull the fine as well as the compens. tion was heavier, but here came in the weeks will rarely have any lice to transquestion from whom the ball was stolen and what were the owner's rank and A hurdle, built of woven wire or dignity. To steal the king's bull was a lath, about the coop to protect the chicks from other hens or from some very grave offense indeed, not quite capital, but punishable by a ruinously cat intent on a juicy morsel for herself heavy fine, whereas the guilt of taking a poor man's bull was reckoned as proor her kittens, is a wise precaution, a

necessary one if you desire to raise a large per cent of the chicks hatched, portionately small. Before the use of money was introduced, the fines for inespecially necessary if you are raising ferior offenses (including doubtless homicide) were sometimes paid in pure bred birds. The wire can be taken down, rolled up and put away after the horses instead of cattle. This seems a chickens are grown, and will last for curious inconsistency, that the law, which valued a horse more highly than After using a variety of foods I have a man's life, yet exacted payment for for the past two years fed rolled oats man killing to the extent of a plurality and millet seed almost exclusively. One of horses (each horse worth more than might think it expensive food, but it is a man, by the law's valuation) or an not. Take a few dozen eggs to the grocer and exchange them for catmeal.

### alternative equivalent in cattle.

blackening of the bases of the leaves, and the disease soon works into the crown and root proper, causing the in-fested parts to turn brown. This beet root rot is found to be caused by the same fungus which causes stem rot of carnations and probably produces some of the "damping off diseases." Sixty to 70 bushels of air slaked lime per acre is suggested as a means of securing a cient nutrition and substance to form the new germ. A whole summer is a very good substitute is a saucer or tin needed thus to mature a plant of corn plate in which a baking powder or toand prepare the seed for the next year's mato can is placed. We vary their feed harvest. This applies with equal force, but more conspicuously, as the sheep excels the mere plant in worth to the vegetables begin to grow shredded onion conduct of the flock. Many shepherds tops and crisp lettuce leaves are added to their bill of fare. As the chicks dewish to have all twin lambs. Two are better than one—sometimes, but not al-ways. A strong, vigorous lamb is betvelop we change from oatmeal and millet seed to cracked corn (for night feed) ter than puny twins or even than fairly and give wheat screenings or buckwheat good twins, if the dam is only able to care fully for one of them, and if one Always see that the little feathered will have strong double, births he must attend to the ram first and begin now to put him in proper condition for the service expected from him by and by. He does not want to be fattened exactly, but he must be in prime condition, for we cannot get any animal in such condition without putting some fat on his carcass. The best of grain food in the summer for the ram is linseed oil meal, from which the oil has been separated, and the residue of protein is left in large excess. This part of the food is especially useful in sustaining all the vital organs, and thus gives that essentially needed animal vigor to the male animal, especially such a one as the father of a flock which has so large this altogether too much trouble. You "would rather let them take care of a number of females demanding attenthemselves than fuss like that." Do you tion. The time to begin re-enforcing hatch 10 to 12 chicks from every sitting the rams is now at hand. The twin and rear them all when they "take care breeding flock is greatly desired by every shepherd. But it is made only by years of work in building up the constiof themselves ?" Or do you have several hens wandering around half the summer with one or two, possibly three, chicks apiece? Do you get \$1 to \$10 for tution of it by the highest possible feed-ing. For the scientific principle at the a pullet or cockerel? Do you sell sitbottom of it is that animals become tings of eggs at \$1 to \$5 each? Dear more prolific as their supply of food infarm sister, "Whatever is worth doing This is one of the examples of creases. at all is worth doing well."-Alma the balance of nature, and the econom

Costumes and Accessories For Out of Suits For Wheeling Wear, For Town Deer Sports.

OUTING GOWNS.

Black stockings are worn with outing gowns, or stockings the color of the shoes. The hat retains a suggestion of the mas-culine, feathers, flowers and gause being rigorously avoided. Ribbon and silk bicycle costume is an interesting subject to most woman, although it is no longer the burning topic that it was at first, when hands, knots and choux, with a quill or iwo, are the usual trimmings. The sailor and the Tyrolean stand foremost in favor it served as a bone of contention for examong shapes. The materials used for outing gowns

The materials used for outing gowins are covert cluth, mixed goods, cheviots and serges, medium and dark tones being preferred. Medium gray and beige are most useful, mud, dust and rain making little impression upon them, but navy blue, Russian green, dark brown and black are also worn. Subdued plaids and

NEW CRAVATS. checks are well represented in this class ohecks are well represented in this class of materials and are really more service-able than the plain goods. Red vests of elastic wool, like the old fashioned cardigan jacket, are worn for golf playing, and they nearly always have stilk sleeves of the same shade. These scarlet accessories are worn by both men and women players and are attractive bits of color in the field. A niture is given of three fashionable

bits of color in the field. A picture is given of three fashionable cravats. The first, worn with a standing collar with turned down points, is of white moire and is called the regate. The second consists of a stock collar and but-terfly knot of red taffeta with stitched plaits. The third, which is more elabo-rate, is a bow of taffeta with guipure points and commonk lines which is mounted on BICYCLE COSTUME. not smaply because there is diversity in taste, but because there is diversity in taste, but because there are individual points to be considered, such as age, weight and the sort of riding to be done. A woman who bowls along a few miles upon an asphalted pavement in the level streets of a city can clothe herself much more daintily than one who takes long trips over rough country roads, where mud, water and dust are abundant, tum-bles a thing to be anticipated and a drenchrate, is a pow of taneta with guipure points and openwork lines, which is mounted on a stock collar of plaited taffeta, points of taffeta matching the bow appearing above the collar. JUDIC CHOLLET.

bles a thing to be an

FASHION NOTES. OUTING COSTUMES.

and Country.

most as common a habit as walking, the

Many Flowers Bloom Upon Summer Headgear. Bicycle riding having now become al-Red gowns are more and more in vogue,

and there are also charming little scarle jackets for seaside and mountain wear, made perfectly plain, but very trim and up to date looking. Over a white, navy blue or black gown they are exceedingly effective. An immense quantity of flowers is worn

3

1

37 20

in hats, although hats are not so universally covered with them as was the case last year. Occasionally the headgear is one mass of flowers, however, one example being a round hat of medium size made of rose colored gauze and completely covered with pink and red roses, so the hat itself could not be seen except at the edge of the brim, and even then its color con-fused it with the flowers. Bluets are used in the same way, also lilies of the valley and forgetmenots, but the last named flowers are not seen in great numbers this eason. Little toques and capotes entirely



CLOTH COSTUME.

of flowers are more attractive than the laden hats. For the toques hyacinths, roses, violets and sometimes pansies are roses, violets and sometimes panace are employed; also large separate petals of poppies. It is predicted that flowers will again be seen on parasols. The gown illustrated is of beige cloth, the skirt opening at the left side over a panel of nile green silk with horizontal

The left side of the tablies

is embroidered with white applications. The bodice, also embroidered and opening

The bodice, also embroidered and opening at the left side, has a sort of yoke and plastron of tucked silk like the panel and fastens with cords and gold buttons. The cravat is a jabot of white lace, and the sleeves are plain. The hat of beige straw is trimmed with nile green plumes and ribbon, with a show of pink silk under the brim. JUDIC CHOLLET.

THIN GOWNS.

Summer Costumes.

corded tucks.

is suggested as a means of securing a preventive alkalinity of soil.

Professor Duggar's observations indicate that "leaf spot" is a disease which needs to be specially brought to the attention of sugar beet growers. It begins as small brown spots, with reddish pur-hard boiled eggs. As soon as garden ple margin, scattered irregularly over the leaf. In time the whole leaf is black and crisp. As the leaves begin to parch and dry they stand more nearly up-right, so that a whole field badly affected with the disease shows a very characteristic appearance. The outer or mornings. older leaves are of course first affected, leaves are shed. In the meantime the plant is endeavoring to supply this defileaves are shed. In the meantime the plant is endeavoring to supply this defi-ciency of leaves by continuing to de-velop new ones from the center or from the bud. In consequence of this the crown becomes considerably elongated,

As to remedies the author says: For several years experiments have been conducted by Professor Halsted, at the New Jerser everyment stated, at the which nearly of the two sources from conducted by Professor Halsted, at the New Jersey experiment station, in the treatment of this disease, and a suc-cessful remedy seems to be at hand in the well known bordeaux mixture. Nu-merogus fungicides were experimented upon, but the bordeaux mixture has upon, but the bordeaux mixture has proved most efficient. There is every reason to believe that by beginning the sprayings early the leaf spot may be almost entirely prevented by the use of this fungicide. If the disease continues so disastrous as it was in certain sec-tions during the past season, for success growers must expect to spray their beets with the same regularity as has been found necessary in growing pota-

As to beet scab the following are presented among other points in the bulletin: The smooth surface of the beet Cole Pickering in Housekeeper. root may often be disfigured by warty or scabby excrescences. The texture of these injuries is somewhat corky or tween poultrymen, and especially writspongy, and the larger diseased areas will show that the injury is not entirely posed or real, between white and brown superficial, but to some extent alters the tissues immediately underlying such and this ought to settle it:



BEETS AFFECTED WITH SCAB.

areas. The second figure shows two beets affected in a characteristic manner. In 1890 Professor Thaxter discovered that potato scab is caused by the growth on the surface of the tuber of a

Feeding Meat. Ground meat or ground bones should fungus which he named Oospora scabies. not be mixed with other foods. It should The remedy cannot consist in this inbe fed separately as a food by itself. stance in the treatment of the seed, There should be certain meals on spesince the seed do not disseminate the

brown shelled eggs."

disease, nor can it consist in the treat- cial days, for giving it to the hens. For instance, give it at night every three ment of the land, since the experiments days in a trough, unmixed with other with liming, sulphuring, etc., have not given satisfactory results. The only food, so that the hens will have nothing course open, then, is the one of avoiding for the growth of beets any soil which but the ground meat or gound bones for that meal. Do not feed it oftener than during several years previous has protwice or three times a week.-Feather. duced scabby beets.

Let There Be Light.

Food Value of Hen's Eggs.

A subject for continual discussion be

Light in the poultry house is an ab-Some of the experiment stations solute necessity, and the inmates must have it to be in a healthy and cheerful have tested the relative advantages of deep and shallow cultivation for corn, condition. Fowls will not thrive in a and, out of 116 cases recorded, in only five instances did the deep culture give dark and cheerless place any more than he better results.

ical disposal of natural products for the best interests of the universe, in which naturally nothing shall go to waste.

Give Sheep Plenty of Room.

ers on poultry, is the difference, sup-After some years' experience in raising sheep, I have concluded that it is eggs. On this question a bulletin of the not best to keep them confined too government's agricultural bureau says, closely, writes Frank M. Beverly in Land and a Living. Their confinement in one place breeds disease and it may "It has been said by some that the brown eggs are richer than the white be said is a drawback generally. Sheep ones. This statement is not borne out will not thrive alone on what you may by a chemical analysis, and the physical feed them, but they require something examination proves that the main that is indigenous to the woodlands. points of superiority, though extremely The farmers in Virginia 25 years ago slight, are possessed by the white eggs. raised large flocks of sheep, and they The minute differences that are found were allowed to run in the woods both winter and summer, except during deep between the two groups are exceeded variation between the varieties and continued snows, when they were within the same group. We can therebrought in to keep them from becoming fore state as a conclusion, both from a poisoned by eating ivy. They had to be chemical and a physical point of view, given salt, but required little in the that there are practically no differ-ences, so far as the food value is conway of feeding. They were thrifty, and always looked clean and healthful. Of cerned, between the white shelled and course this plan is not now practicable, except in a few of the more isolated secions of the country, but the plan should be carried out so far as circumstance will permit. Your flocks may have to be kept within fenced inclosures, but they should be shifted from one place to another as often as possible. I knew a nan a few years ago who bought up 100 or more sheep during the fall and winter, intending to go into the business of sheep raising on a rather large cale. He kept them in a field where there was a large barn, in which he noused them every night, He fed them all they would eat of corn, fodder, hay and oats, but when summer came about one-half of them died, and the other half looked as if they might as well die. He then sold the flock at less than half the price per head he had paid, and thus ended his dream of sheep raising.

THE PREVAILING MODE. Many Rings and Few Gloves In Ele-

:..

but the gloves are of a fanciful nature, the back being embroidered, not in the or-dinary lines, but with a monogram or cipher or some ornamental design. Black silk or gold or silver thread is used for the embroidery

Bodices differing from the skirt with again be worn this summer, and a skirt of black satin may accompany any light corsage. Bodices of black beaded tulle will be in vogue and are cool as well as

The New Boy.

"Now, Bobby, if you are not unreason-able, you can choose your own birthday present."

"Well, pa, I don't want much. I jes"

want a soda fount'n an a new wheel an a each register."-Detroit Free Press.

bles a thing to be anticipated and a drench-ing shower not an impossibility, to say nothing of a great deal of exertion and consequent warmth, prone to wilt frills and furbelows. Frills and furbelows are never, indeed, appropriate to bicycle cloth-ing, which should be always of the tailor made order, trim, close and free from floatgant Society. Artificial flowers being much w only as a trimming for hats and bonnets, but in the form of boas and ruches and on evening gowns, the latest fancy is to per-fume each flower with the odor properly ing ends and fluttering accessories, but

white, mastic and pale gray gowns, patent leather shoes and similar attire may be belonging to it. Supreme fashion prescribes that rings shall be worn upon all the fingers; thereworn by the easy rider, who is contented with a spin around the square, whereas fore gloves are discarded at the theater and at evening receptions, and there is likely to be a return to mittens of the first the country excursionist must get herself up in a far more substantial fashion. empire style. At present the long sleeves which cover the hands to the fingers are considered a sufficient shield, the multitudinous rings previously mentio ing the place of gloves, with which they

The cut shows a bicycle costume of gray cloth, stitched ornamentally with black. The skirt is short, and there is a bolero with two steel buttons, having stitched revers and a crenelated collar. The pocket flap, sleeves and cuffs are also stitched. The skirt waist is of black and white

#### Hats and Bennets of the Prevailing

Hats and bonnets are of the airiest texture, gauze, mousseline de soie and tulle being immensely employed for them. One of the most novel and delicate millinery rimmings consists of large balls of tulle

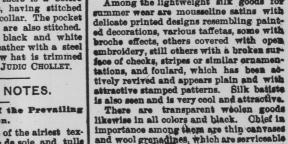
STRAW TOQUE.

Seather and bluets.

Light and Attractive Materials For Among the lightweight silk goods for check, the belt of tan leather with a steel buckle. The gray straw hat is trimmed with black. JUDIC CHOLLET.

BICYCLE COSTUME.

MILLINERY NOTES.



is also seen and is very cool and attractive. There are transparent weelen goods likewise in all colors and black. Objet in importance among them are thin canvases and wool granadines, which are serviceable for the scale, where cottons, knens and sills are apt to become stringy in the moist als. The wash fabrics are charmingly dainty, however, and will be extensively worn during the approaching hot weather. Swiss muslin, white and colored; batiste, pique and percale, are chiefly seen. All hinds of designs appear, but stripes pro-



#### WEDDING GOWN. onderate-wide, narrow, regular and ir-

rest is of something else. Open straw and straw finely embroidered are also much regular. Checks, plaids and dots are also favorites, floral patterns being less fre-quent, although there are many charming the embroidery. Bodices differing from the skirt will again be worn this summer, and a skirt of black satin may accompany any light flower designs to be obtained. Solid colors flower designs to be obtained. Solid colors are largely used, since lace and embroid-ery are so lavishly employed as trimming. The wedding gown depicted is of white satin, the skirt being plain except for a ruche of mousseline de sole around the edge. The back is in the princess style, but the front forms a draped bodice, with coquilles of old point mingled with orange blossems. The round woke and the elsevee bonnets alone or combined with flowers. Bluets are probably more worn than any other flower. Then come violets and after-ward a crowd of flowers held in about the will be in vogue and are coor as were a pretty. The girl's gown depicted is of light green printed foulard. The plain skirt is trimmed with narrow white gimp. The blouse bodice has a wide collar of cream faille, bordered by two little ruffles, with a cravat to match. The plastron of white faille has pale green bands across it. The collar and belt are of sky blue taffeta—a novel touch—and the collarette is of cream satin. JUDIC CHOLLET. The New Rey. lossoms. The round yoke and the sleeves are of mousseline de soie shirred with little beadings, the yoke being framed in a garland of orange blossoms. JUDIC CHOLLET.

"There's no use trying to make any-thing out of a man who wears a No. 6 hat and No. 9 shoes."

and No. 9 shoes." "Perhaps not, but what are you going to do with the 'by Jove' fellow who wears No. 5 shoes and a hat that holds half a bushel?"—Chicago News.

