

DAY DAIRY FARMING.

market, must be shapped considerable which averaged 170 pounds live low, small, dry and wrinkled.

distances. milk trade is in a better position to pounds per pound of gain. Comparing be profitably kept over the winter, re- farmer's friend-baling wire. solve the difficulty than one at a con- these feeds on the same cost basis, it gardless of her age. siderable distance from such a market. is found that these gains would cost Under the latter circumstances, cream 4.72 cents per pound of gain as comcan be more profitably disposed of pared with 6.75 cents for a straight than whole milk. On the other hand, meal ration. The hogs on this test separated or skim-milk has a very were about three months of age when high feeding value for live stock, par- placed on the test, while in the former high feeding value for live stock, par- placed on the test, while in the former the hog raiser who has not more than "It is easy to keep this outfit clean a dozen or fifteen some the the test of the feeding of hogs, and test the hogs were fully a month a dozen or fifteen some the test." can be used very profitably for this younger.

mately 5 pounds of meal are required attained 175 pounds in weight—a perto produce a pound of pork with hogs iod of 153 days-showed an average feet long, and panels is all there is a good start." finishing about 220 pounds in weight, feed consumption of 1.6 pounds of For hogs finishing at 180 pounds, the meal and 5.4 pounds of milk per pound should not need more than 4 pounds ally low. of meal per pound of gain, these It may be deduced from these tests figures being averages, when no milk that milk products lower meal con-

pounds, and in order to reach market valuable.

THE BACON HOG IN PRESENT- pounds at the end of the test. Assum- are laying. ing that without milk these hogs How to pick out loafers-To deter- The houses are rectangular, with The prevailing low prices of dairy would have consumed 4 pounds of mine this, note the distance between gable roof, the long slope to the back products make it imperative that the meal for each pound of gain, it may the pelvic bones and the condition of of the house and a shorter, steeper one dairy farmer dispose of his produce in be concluded that the 4.8 pounds of the vent. The pelvic bones lie on each to the front. such a manner that the maximum re- skim-milk effected a saving of two side of the vent, and a hen in high Both front and rear sections of the such a manner that the maximum re- skill-link cated worth production naturally spreads these roof can be lifted. It is convenient to the cost of milk production has ma- 20 cents per hundred and meal worth apart. The best means of measuring work around the sows at farrowing the cost of milk production has ma- 20 cents per hundred and would the distance is by using the fingers. time, and the sun shines into the years, the market for whole milk, show a feed cost of 3.96 cents as comwhich has also decreased, is still in- pared with 6 cents for a straight meal side by side between these bones, the After the houses are placed along

A further test with Berkshire hogs It is frequently stated that approxi- (5) fed from weaning to the time they

A dozen individual houses, a strip move the houses out to fresh pastures

sumption; that when fed to bacon type for a ten-weeks-old pig during the finished product, other things being last year averaged about \$3.08. As- equal, and that, particularly for suming that this pig weighs 40 young pigs, milk products are in-

weight it must gain 140 pounds, and While these tests are valuable as an also assuming that this hog will con- indication of what can be done with

that the addition of skim-milk to a The utilization of dairy products for stand Christ as to see that he was the ing. They are like things cast on the meal ration reduces the meal consump- such a purpose would seem to offer a light of the world, and to so under- rubbish pile. tion per pound of gain. An experi- practical solution for the marketing stand the world as to see that its Vs. 9-11. Be found in him . . righttion per pound of gain. An experiment recently completed at the Central Experimental Farm demonstrated
tral Experimental Farm demonstrated
tral Experimental Farm demonstrated
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training of further detraining transport to the marketing deepest need was for that light. His deepest need was for that light need that that in a ration in which skim-milk and thereby permitting of further deand meal were fed, the feed required velopment of the dairy industry withto produce a pound of gain averaged out fear of the markets becoming con-

Hen.

BY C. S. PLATT.

about eight eggs per hen. From my great commission.

### Fall Planting.

with a reasonable chance of success, worth while to buy plants and then in with good fertile in order to relieve the pressure in the to take this risk of losing them. It is temple by taking Gentiles into it, stir-

time to plant trees which are above the snowline all winter and exposed to drying winds. They do not usually become sufficiently established before winter sets in for them to take up soil is likely to remain moist, the in Asia Minor, a great commercial Christ. To answer his call is the supleted. In regard to grading, where tion of manure in the fall. The best hours according to the degree of fever moisture, the result being that a dry-stronger plants they will make and and university centre. It was part of the lawn is large and not desired per-form to apply this dressing is as com-found present: Powdered saltpeter ing out of the trunk begins, and by spring the trunk has become so dry that growth is prevented except from the greater display of bloom there the following the greater display of bloom there the following the greater display of bloom there the following the followed more or less. The feet the lower part which is not a satis- The paeony should be planted in of Gamaliel. At the fitting age, he to be won. These words show the factory condition sometimes; also, September if possible. trees planted in the fall are heaved up to some extent and are then not in Getting Rid of the Loafing the ground deep enough; and they do not do well afterwards, even supposing they live. In the mildest parts of Canada, such as in the coast climate
of British Columbia, trees can be
of British Columbia, trees can be
of British Columbia, trees can be
of the birds, there are some each year
of the birds, there are some such fertilians on the became a Christian on the birds about, it is ready for
the birds are tankers or fish meal were used. planted successfully in the fall, and that quit laying during the summer, tell how he became a Christian on the earlier period have a modifying effect seeding.

currants and gooseberries, which be- try demonstration on culling. That without hearing the words. Saul, Saul, missionary, under obligation to de- time for this temperature-moisture mer also, if possible. Sometimes, if Jones immediately examined the iggin growth early in the spring, it is evening I picked over my eighty-six They were words, not of anger, but of fend himself, that he was glad and relation and is usually the best time grubs are bothering the grass roots, nition system closely. Then taking a much better to plant them in the fall. hens and took out twenty-six that I loving reproach.

Raspberries may be planted with skeptical, I placed these twenty-six persecution of the disciples of Jesus tion of Jesus himself. The disciples of Jesus tion of Jesus tion of Jesus himself. The disciples of Jesus tion of Jesus himself. The disciples of Jesus tion of but the advantage of fall planting is for a month longer. that, should any of the plants die, I got more eggs by culling—During of surrender. His proud will has been what he earlier learned at the feet of For a good lawn grass seed you can that, should any of the first agood time in August I had received sixty-one dozen broken by love. His hard heart has the great Rabbi, Gamaliel, tinctured make your own mixture. Remember the spring, so saving a season; where- eggs from the eighty-six hens, or been melted. Go into Damascus . . his doctrine. as if the main planting is delayed about eight eggs per bird. During It shall be told thee. The persecutor as if the main planting is delayed about eight eggs per bird. During it shall be too late to re- September I received forty-two dozen enters Damascus led by the hand. The persecutor pay for one who appreciates a beauther pay for one who appreciates a b plant that spring when it becomes from my sixty good birds, or again There in the dark he received his great Christian. Everything else

If strawberries are planted in the twenty-six culled I received four dozen fall it should be early in September, eggs, or less than two eggs per bird, so that they will become well rooted in September, and I noticed that these a letter written by Paul, a prisoner in tion and peril. before winter. It would be advisable, were laid by only a few individuals. Rome, to the Christians in Philippi, in Paul has no honor and no friend but which lends quality, and White Clover however, to use pot plants and plant I was so impressed by the practical acknowledgment of their kindness in Christ. Christ was to him both Sav—the latter may or may not be used in August; then one might get some possibilities of the proposition that I sending a gift to him. Among other jour and Lord. "I live; yet not I; but according to your own desire—is restrawberries, as the few fruits which I did.

trees. Conifers should not be planted not been feeding loafers. in the fall.

SIGHTS AT EXHIBITION to it. The total cost was less than

plies more to the Leghorns than it each other.

capable of absorbing this milk at a ration, the milk thus effecting a savfigure that will net the producer a ing of \$2.04 per hundred of pork. doubt, examine the vent. The vent dividing the strip of concrete into reasonable profit, more particularly Another test conducted for a period of a laying bird is large, white and twelve open lots that are 6x12 feet.

### HOGS

effective, and at the same time econ- though the pigs came in early March, omical farrowing outfit, especially for when the weather was cold and rainy. a dozen or fifteen sows, than that used and sanitary. The only part of it I by a young Hampshire breeder in can't move to the fields for the fall

See Rifles properly mounted with Watern Sights, in For the spring farrowing season Watson Gun Sight Co., 384 Victoria St., Toro to the houses are arranged end to end along the north side of the strip of culling, start about July 1. At that concrete. There is no projection to time all hens that are molting, and all the roof at the ends of the houses. that show yellow legs (the latter ap- They can be butted right up against

does to American breeds.-Editor) Straw and manure are piled up should be carefully picked out and ex- along the north side, making a snug, amined to see whether or not they warm place for the sows and pigs on cold March days.

when the milk, in order to reach its of 90 days with 17 Yorkshire hogs, moist, while that of a non-layer is yelping them between the houses, and weight at the end of the test, showed In all culling work the age of the tacking each panel to the house to pre-The dairy farmer who is so located an average meal consumption of 2.5 bird should not be considered. Any vent the sows from working it out. where he can cater to a city's whole pounds and a milk consumption of 4.87 bird that is laying in November can The other ends are fastened with the

> "I used different outfits for farrowing quarters, but this is the best one of all," said Mr. Gardner. "I had 12 sows that farrowed 110 pigs last I have never seen a more practical, spring, and I still have 95 pigs, al-

### meal required should not exceed 4 1/2 of gain, this ration costing 3.5 cents pounds, while hogs around 150 pounds per pound of gain, which is exception-

SEPTEM BER 2

It has been found that the feed cost hogs, milk products ensure a select Paul the Apostle. Acts 7: 54 to 8: 3; 9: 1-31; 11: 25-30; 13 to 28; Phil. 3: 4-14. Golden Text-I press on toward the mark for the prize of the high calling of God in Christ Jesus.—Phil. 3:14.

sume an average of 4.5 pounds of meal skim-milk and milk products in the Christ, the most conspicuous figure in heart rather than that of the mind. per pound of gain, this meal costing production of bacon, the sure criterion the New Testament. It was the great Count . . but dung. Paul does not

I. HOW PAUL FOUND CHRIST, ACTS

There is such a rush of work in the spring that it is desirable to do any planting in the fall that can be done, planting in the fall, but, considering the double described with the fall that the data the data that the data the data that the data that the data that the data that the data the data that the data that the data that the data that the data the data that the data that the data that the data the data that the data the data that the data that the data that the data that the data the data that the data the data that the data that the data that the data that the data the data that the data the data that the data that the data that the data that the data the data that the ner; and therefore was not likely to Master. be guilty of doing dishonor to the

in some seasons they can be planted and will not begin until late the next way to Damascus as a persecutor. on all subsequent experience. Paul, Now, as to time of seeding, there is it would come into availability over a in some seasons they can be planted quite satisfactorily in other parts of Canada in the fall, but, taking one year with another, it is safer to plant to sarring the sarring the sarring to sarring the sarring the sarring to sarring the sarring the sarring the sarring to sarring the sarrin clear that Paul heard words, while mon to both periods. We can be sure moisture and temperature could be ob- rolling should be practiced, when the appealed to his neighbor Jones. In the case of bush fruits, such as

Several years ago I attended a poulhis companions heard only a sound that it was not only as a Christian tained. The spring offers the best ground is moist and during the sumBrown explained the trouble and

LESSON FOREWORD-This week we'of Christ. The knowledge of which

spring. Further, there are some plants which are more likely to succeed if planted in the fall.

The spring is, however, the best of the ground or the type of soil, for important, however, to have rose planted in the fall.

The spring is, however, the best of the ground or the type of soil, for important, however, to have rose plants on hand to set out at the first of the ground or the type of soil, for important, however, to have rose plants of the ground or the type of soil, for important, however, to have rose plants on hand to set out at the first of attained land. Preparation of seeks to attain what has not yet been of the ground or the type of soil, for important, however, to have rose plants of the pople to violence against him, reached all his desires. I follow after on whom Paul was rescued by the on well-drained land. Preparation of seeks to attain what has not yet been attained. He seeks to lay hold on it the land by plowing, harrowing, gradities into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in any seal into it, stirting dentiles in the fall in the castle. His first words declare as a prize, just as Christ had laid hold ing and rolling, etc., follows. And to fill in any weak spots and to at once dissolve a teaspoonful of saltbecome sufficiently established before earlier these can be set out after the Tarsus was the capital city of Cilicia come to Paul from God, through rubbish before preparation is com- ticularly desirable to use an applicative every two, three, four or six had come to Jerusalem to be educated dauntless spirit and quenchless hope desired where space admits, although unsightly and it is not hard to clean two ounces; pure water, one pint. Add by the great Gamaliel. We get a of Paul. He is Paul the aged and in general a level effect is maintained. up in the spring after such a dressing. two or three drams of sweet spirits of glimpse of Gamaliel in Acts 5: 34. Paul the prisoner. But his spirit is When the grading has been accom- In the spring, frequently, about 100 niter at each dose, as this stimulant Taught according to the perfect man- as eager as ever in the service of his plished and the seed bed put in the lbs. of nitrate of soda per acre is used can not safely be mixed and corked in

What shall I do? These are the words of Christ, there can be no doubt that the seed.

II. HOW PAUL SERVED CHRIST, PHIL. to him. The love of Christ constrain- (Agrostis alba) and Kentucky Blue ed him, urged and impelled him to all (Poa pratensis) are about the best for

in the spring is the ideal time to plant thorough culling the next year, which who would make Judaism greater I now live in the flesh I live by the commendeds Amount per acre: Kenthan Christianity. What things were faith of the Son of God, who loved me, tucky Blue Grass, 30 lbs; Red Top are obtainable from fall set plants Profits per bird increased-My flock gain . . counted loss. As a Jew, Paul and gave himself for me." Gal. 2: 20. Grass, 20 lbs.; English Rye Grass, 10 make planting them hardly worth the next year consisted of over 300 had all these things which the false "For to me to live is Christ." Phil. 1: lbs.; White Clover, 2 lbs. After sowthe next year consisted of over 300 teachers counted important—he was 21. In his letters he likes to introduce ing, the grass seed should be lightly a Hebrew of the Hebrews, a Pharisee, himself as the servant, the slave of covered. In the case of small lawns a Spring is the proper time to plant was increased approximately 15 per he was zealous unto persecution, he Jesus Christ. In all this he is an in-fine-toothed rake is very effective for ornamental trees and shrubs; al- cent. per individual. My profits, per was blameless in his observance of spiring example to modern Christians. this. Rolling after seeding is a de though, as it will not matter much if bird, from June to November, amount- the law; but when he came to Christ, Personal loyalty to Christ-this was the branches of shrubs are killed back ed to sixty cents more per bird than all these things, on which he prided the outstanding fact in Paul's life, batable point, let your own farming at first, should the fall be found more they had even been before, and as the himself, were as nothing. All things (See 2 Cor. 5: 14, 15.) It may be that practices guide you in this matter. convenient they can be planted quite prices were about the same during . . loss; not only the things of his sometimes this important aspect of . When the grass has reached 4 to convenient they can be planted quite prices were about the same during past life, but anything in his present Christian life has degenerated, and inches in height it should be cut with life in which he might glory, were also become too sentimental, but in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally, I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the increase in the same objection to planting ornally. I gave all credit for the same objection to be same objection to In order to get the best results from he had learned in Christ and learned church's great need to-day.

Beauty is only skin deep-Keep the skin clean, fresh and beautiful with Lifebuoy. The smooth creamy lather of Lifebuoy wakens up the skin. Lifebuoy makes soft white hands-Fresh, wholesome bodies. Lifebuoy's health odour is delightful.

## THE LAWN --- A FOUNDATION

By F. H. Presant, Department of Horticulture, Ontario Agricultural College No other part of a landscape and strengthen the growth of the de- When the horses reach the fair-

\$12.53 when 180 pounds in weight. to farrow and raise a large number of ity to a world-wide adventure. Paul losses for Christ and his gains in lawn. It is the foundation, as it were, down weeds. It has been repeatedly demonstrated pigs to six or eight weeks of age. was led by his experiences to so under- Christ. His losses are not worth count- upon which the scheme is built and its Once the lawn is established it must using the stalls, have an attendant importance is first, last and always. still be cared for and to properly spray the manger and walls with a 5 However well executed the rest of the maintain it the following things must per cent. solution of commercial coalplan may be, unless the lawn is well all be considered:

Paul, the Tarsian. The pre-Chris- 10 to 15 tons per acre of well-rotted by another application and a month short-nozzled, strong-barreled, hard-

that those grasses with underground even under difficulties would often Replacing the cap, he next wiped off seems subordinate to this great deter- are tenacious and succeed on a great minative fact. Christ was everything variety of soils. Of these, Red Top Vs. 7, 8. This passage is taken from that heroic missionary life of priva- general purposes. The following mix-

# FOR THE LANDSCAPE SCHEME

\$30 per ton, the hog will then cost of profit lies in the ability of the sow achievement of Paul to lead Christian- seek to strike a balance between his scheme is so much a feature as the sirable grasses while tending to keep ground stables, again examine for

ing to keep the law in one's own effectiveness, often too much. are usually the most troublesome daily. It is well also to sponge the strength, but the righteousness which Good lawns do not just happen; weeds. Both may be spudded out, or muzzle of each horse twice daily with V. 3. I am verily a man . . a Jew. comes through the power of God in his heart, for which power faith opens the with very little trouble often they can has proven to be a 25 per cent. solulittle fresh chlorid of lime sprinkled 2 pounds of meal and 4.8 pounds of meal and 4 Roses may be planted quite successfully in the fall, but, considering the fully in the fall that the fall that

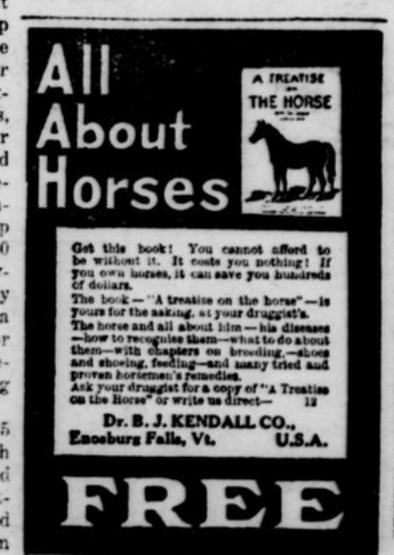
2. Renewal of Bare Spots and Re- time and then eat heavily. See that Drainage is necessary but in many seeding-If bare spots should occur on each horse is given regular active

If they can be obtained during the latter part of September that would be the best time to plant.

If they can be obtained during the latter part of September that would be the best time to plant.

Raspberries may be planted with Raspberries may be plant

have just a very few good soakings terminal. Next he removed the disit would be able to come through the tributor cap and wiped it out on the season in good shape and to do this inside.



#### CARING FOR SHOW HORSES

BY A. S. ALEXANDER.

First of all, get the horses used to stabling. Cool out the system by giving a few daily two-ounce doses of Glauber's salts dissolved in the drinking water. Give such treatment again, in the show stables, if at any time the horses' feces become mushy, foulsmelling or pale-colored and slimy.

Keep the skin clean and at each grooming throw the weight of the body into the brush or wiping cloth that the muscles may be vigorously massaged. Use the curry-comb to clean the brush, and keep the brush off the skin. Put a little table salt in the drinking water.

USE ONLY FIRST CLASS HAY.

Take along old, sound, whole oats and as much home-baled hay as can conveniently be accommodated in the car. Use it immediately to replace any poor hay supplied on the fair grounds and to feed when any derangement of the bowels is seen. At one large fair, years ago, the hay in bales furnished exhibitors was found white with mold and caused serious sickness. Carefully examine all feed and reject that which is questionable. Make no sudden changes in feed.

Bandage the legs lightly when loading or unloading, and also bandage the dock of the tail. Before loading, carefully examine the car and remove all loose nails or those projecting from the walls or fixtures. Also, remove the big sharp slivers. See that headstalls are in perfect order and tieropes strong.

KEEP THE HORSES COOL.

Place a big chunk of ice in the manger for the horse to lick during transit. It will slake thirst and do much to prevent over-heating. Have \_ the car well ventilated, but no matter ow hot it is, never allow a horse to stand in a cold draft. The attendant may sit between two open car doors for hours without ill effect, but such exposure has caused fatal pneumonia in many a fat show horse. Blanket the chest comfortably if night and mornings are chilly, but leave the hind quarters bare.

nails and other sharp objects. Before tar disinfectant. (This should also be

very finest possible condition by culti- just when growth is first starting, a bottled solution during hot weather, vation and, if the land should be poor, This may be followed in two weeks The dose is best given by means of a Vs. 6, 7. It came to pass, that, as tian days of Paul are full of interest manure plowed under or a good le- later by a third. But if for the sec- rubber syringe. If complications oc-

spark plugs. That finished, Jones stepped on the starter, and after a few turns the engine started

Brown was astonished that a dry cloth could cure the trouble, and Jones explained: "On damp, humid mornings like this, after a car or truck has stood all night in the garage, the moisture or 'sweat' will often collect on the spark plugs or other parts of the ignition system so heavily that instead of jumping across between the sparkplug points in the engine cylinder the high-tension current will leak across or through the accumulated moisture with the result that though the engine is in perfectly good running condition it will not start. Sometimes after a damp, foggy night the condensed moisture will collect like drops of sweat on the spark-plug porcelains of my car, making starting impossible until has dried off; so after a damp night I always examine the