

Success Without a Mortgage.

STUCK PLUCKILY TO BUSINESS.

NINTH PRIZE ESSAY.

BORN on a farm, was educated at the district school. Parents were poor and had 10 children. Begon work as a hired man on a farm and saved my wages. Secured a deed for 40 a land and chopped

wood to raise money to build a log cabin. Took ax, change of shirts and tramped on foot to land 60 miles, among strangers, cut logs, made a "bee," got cabin up, went back home and scored some timber, got a few dollars more, borrowed \$15 and got a friend to move wife and what little we had out to our new home.

My wealth consisted of a wife, who has been worth her weight in gold, that 40 a wild land and my muscle; not a cow, pig or chicken and in a new country among strangers, and nothing to live on but to earn by day's work. Wages were \$1 day, flour 9c p lb, butter 35c, pork 18c, sugar 30c, tea 2.50, potatoes 1 p bu, calico 40c p yd, sheeting 75c, files 90c, axes 2.50. Worked for our food and bought it all, including butter the first summer. In the fall run in debt for \$50 cow. Earned that amount by day's work. We also started a flock of hens; made them comfortable quarters, gave them good care, and our cow and hens soon began to help us. Put in all the time I had chopping on our own place and at the end of 4 yrs had a good chance to sell out. This I did and went 16 miles farther in the woods, 23 miles from a railroad, and bought 80 a with a little clearing on it.

Went in debt a little, but gave a note on 4 yrs time. Had one cow, a steer, pig and a fine flock of biddies. Sold the steer and bought a pair of 2-yr-old steers. Made a sled, run in debt for a wagon, sheared 200 sheep for a plow, began farming for ourselves and quit working out. Bought another cow and a few sheep. Chopped every winter. Wife cared for all the stock and I kept chopping from daylight until dark. In 4 yrs the farm was all cleared. Then we sold the oxen, bought a pair of colts and next year a top carriage. Began stumping and tiling the land. Have a barn 32x70 with 18-ft posts, with a granary that has been mouse proof 21 yrs.

Our house is up-to-date, of first-class material, has hard finished walls, every modern convenience, with elevator in pantry. Plenty of nice rain water the year around and a good pump and sink within 6 ft of the kitchen stove. The house is mouse proof from cellar to attic. The farm was all stumped and well fenced years ago. The barn has hay track in roof, steel carrier, etc. Have all kinds of fruit, apples, peaches, pears, cherries, quinces, grapes, raspberries, strawberries and asparagus.

Of course we are out of debt and have some money ahead. Have never had any help, neither pension nor inheritance. Our success has been attained by attention to the little details of business. Wife is a good manager, has made 1.47 per hen in a year, makes fine butter which we have shipped for years to the cities at fancy prices, which has paid better than the wheat crop. I breed to the best sires and have built up a fine herd of butter cows. We raise pigs and hogs. Wheat fields are seeded to clover. Raise plenty of hay. Plant sweet corn for cows for late summer feed. Cows come fresh in fall, are fed well and have warm stables; they are given good care and milked regularly.

We have made several visits. Took a trip to north Michigan of 275 miles last summer. We helped pay for our little church, pay our full share to our pastor and to all church societies, lend a helping hand to those who are unfortunate, burned out, or sick and needy. We keep posted, take six papers per week besides F & H. Have good neighbors and thank kind Providence that we have succeeded as well as we have.—[J. B. R., Mich.]

The Oldest and Poorest Ewes should be separated from the rest of the flock at once and turned on the choicest pasture.

Never put herd's brass before your sheep, says L. B. Harris of Vt; clover is better.

Animal Ailments.

CHARBON OR ANTHRAX.

Charbon is a name given by some authors to anthrax on account of the black condition of the blood found in animals that die from this malady. They are both the same disease and are caused by bacteria, "the bacillus anthracis" gaining entrance into the blood and then multiplying by rapid reproduction, giving rise to an inflammatory action and disorganization of the blood.

Bacilli capable of producing the disease have been found in the soils of meadows well known for their power of generating the disorder, and especially in those parts where post mortem examinations have been made and where animals have been buried. It has been proven by the experiments of Pasteur and others that in almost every case the food is the vehicle, and wounds the points of entry, so that animals having sores about the mouth would be liable to contract the disease if their food contained any of the bacilli. It has also been stated that animals with wounds about the feet and legs have contracted the disease from the bacilli on the grass. The outbreaks of anthrax are most frequent in marshy places during warm weather, heat and moisture being favorable for the growth of bacteria as well as of all other fungi. Cattle ought not to be allowed to pasture on places favorable for the development of anthrax, at least for several years. All animals dying from anthrax should be buried with their hides on or the skin slashed with cross cuts and buried in quick lime.

The researches of Feser show that the spores of the bacilli pass to the surface of the superincumbent ground, some say that earth worms carry the spores to the surface, thus each grave becomes a fruitful center of contagion; therefore they should be buried deep and the body covered with fresh burned lime. All places where affected cattle have been should be thoroughly disinfected. Anyone attending anthrax victims should be very careful, all the secretions contain the bacteria, and as the disease is communicable to man by inoculation, no one should attempt to skin animals that have died from anthrax.

The symptoms of charbon or anthrax take on several forms. Some cattle die so suddenly as to present no particular symptom. The majority of cases in this country are first affected in the throat and mouth, the glands of the throat and between the jaws swell and if the tongue becomes affected there will be a discharge of putrid saliva from the mouth; respiration is considerably interfered with and fever runs high, the animal refuses both food and water and debility sets in early and increases rapidly. In some cases there will be considerable sloughing of the tongue. Death generally takes place early in the disease. The attention of the stockman is usually first attracted by finding one or more of his cattle sick or even dead, as the disease often terminates fatally in a few hours. It will then be necessary for him to have an examination made as soon as possible by a qualified veterinarian to find the true nature of the disease.

Treatment should be attempted only in the early stages of the disease. Give at one dose 1 1/2 lbs epsom salts and 1 oz ginger dissolved in water. Then give 1 oz tincture chloride of iron, 1 dr quinine and 1/2 pt good whiskey in a little water at a dose three times a day. If the animal does not improve in two or three days it should be destroyed. The chances of curing this disease, even if taken early, are very few.—[Dr D. M. McIntosh.]

INDIGESTION—W. D. D. has a mule that has spells of sickness which last from one to two hours. Give 1 qt raw linseed oil and 2 dr fluid extract of belladonna at a dose. After the physic operates, mix 4 oz sulphate of iron and 4 oz nitrate of potassium, divide into 24 doses, give one once a day in bran mash until all are taken.

OPHTHALMIA—Mrs W. S. K. has a cattle that have sore eyes; in some cases a scum comes over the eye, causing blindness. Keep the affected cattle in a barn from the sunlight and flies, bathe the eyes three times a day with cold water and after each bathing put a little of the following into the eye with a dropper: Acetate of lead 10 gr, tincture of

opium 10 drops and water 2 oz. In cases where a scum forms over the eyes, mix 8 gr nitrate of silver with 2 oz distilled water and put a little into the eyes twice a day, with a glass dropper. In some cases it will be necessary to continue treatment for a month or more.

DEAD PIGS—J. E. S. has two sows and every time they come in fresh some of the young ones are dead. Keep the sows in a small field instead of open and feed them on ground oats, peas, bran, ground flaxseed and milk. Jumping up the side of the pen at feeding time is likely the cause of the trouble.

RHEUMATISM—J. P. K. has four cattle affected by stiffness and soreness in their fore parts. Give each animal 1 dr lodiile of potassium at a dose twice a day in bran mash and continue it for two weeks. Then give each 1 oz Fowler's solution of arsenic at a dose once a day and continue it for several weeks. Also boil a teaspoonful of flaxseed for each animal daily and mix it in the bran mash.

SCOURING—J. R. A. P. has a horse 6 yrs old that scours after being driven a mile or so; he keeps thin in flesh, although he eats well. This trouble is natural to some horses and renders them unfit for fast work. Medicine are of no use in such cases. Feed more oats and less hay and always water before feeding.

LOSS OF HAIR—G. M. G. wants a remedy to make the hair grow where it was removed by blistering for spavin. If the blister has destroyed the hair bulb there is no remedy. If such is not the case, the growth can be hastened by rubbing on a little tincture of cantharides once every third day.

ERYSIPELAS—W. H. has some hens that swell on one side of the head and the eyelid is closed tight. This is a form of erysipelas which affects hens and is contagious. Remove all the well chickens and disinfect the place where the sick ones are with carbolic acid 1 part and water 50 parts. Mix 1/2 oz acetate of lead with 1 qt water and bathe the head well several times a day with a little of it.

INDIGESTION—Mrs D. F. B. has a cow that seems to eat well, but at times she will eat dirt and other stuff. She only gives about 1 gal milk per day. Give 1 1/2 lbs epsom salts and 1 oz ginger dissolved in water at one dose. After this operates, boil one teaspoonful of flaxseed into a pulp and while hot pour it on 1/2 pail of bran and make a mash of it; give her a mash of this sort once a day with one of the following powders in it. Sulphate of iron 4 oz, nux vomica 2 oz and ginger 6 oz. Mix and divide into 24 doses. Repeat this quantity if needed.

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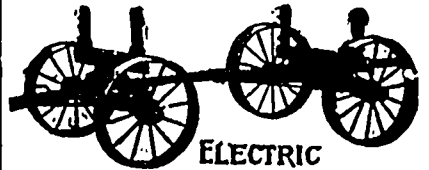
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