FARM. THE

Blackleg.

This disease is considerably different from what other than stockmen would soppose from its name. It only sffects cattle under two years old, and seems to attack the animal first in the limbs, neck, chest or flank, causing a tumor which gives a crackling sound under pressure. The disesse causes death in from twelve to thirty-six hours.

Post mortem examination reveals discoloration of the flesh in the parts affected and a dark, red fluid is discharged. Those so dispesed might place portions of an animal on the block, which were diseased, in other parts, and while not desirable meat the consumer and while not desirshle meat the consumer would never know the difference. It is also a fact that blackleg seldom affects an animal thin in flesh, but its ravag s are rapid on fat young cattle and frequently a calf will he stricken and die from the fever caused by the disease before the discoloration has passed beyond the two quarters. This affords some good arguments for the existence of a competent heef inspector, for while death in the human family might not he traced to this cause, such meat is certainly not a desirable diet.

human family might not he traced to this cause, such meat is certainly not a desirable diet.

As to the nature of the disease, it is still claiming the attention of veterioarians as to cause and effect as well as to treatment. While much is known regarding it, a great deal remains to he absolutely proven.

In blackleg it is said the disease is caused by hacilli which are transferred from diseased animals to the heathy ones through the soil. These bescilli will live in the soil withstanding heat and cold an indefinite length of time. The germs from a diseased are absorbed in the soil and multiply in the soil of the pasture and the healthy cattle under proper conditions that follow in their path are infected in that way by their predecesors.

As to treatment, though any thing that tends to prevent animal from heing thrifty, tends to ward off black leg, yet no medicine has proven satisfactory. But, thanks to our scientific men, a preventive has heen found, aside from the ordinary rules of good sanitation. Vaccination, which has proved such a hoon to the homan race, in small pox, has heen successfully employed in the treatment of black leg. Experiments have proved that the disease can he stamped oot by carefully hurning every animal that has died from it in a given locality and by vaccination of all calves of susceptible sge.

A writer in the Scientific American says be

A write: in the Scientific American says be has cleaned his premises of vermin by making whilewash yellow with copperas and covering the stones and rafters in the cellar with ering the stones and ratters in the cellar with it. In crevices in which a rat might go be put the copperas and scattered it in the corners of the floor. The result was a complete dissppearance of rats and mice. Since that time not a rat or a monse has heen near the honse. Every spring the cellar is coated with yellow whitewash as a purifier and rat exter minator. He says that no typhoid, dysentery or fever attacks the fimily.

The new creamery at E-condido is supplying 500 pounds of hutter per week. Not large hot a heeinging.

Some of the farmers in the Grangeville country have so much water that they have to stop irrigating lest they get their orchards and vineyards too wet. What a pity hat it is oot so arranged that that snrplus could be sold to parties who really need the water.

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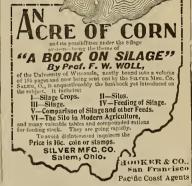
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MEETINGS GREAT WESTERN CIRCUIT

INDEPENDENCE IOWA, August 22, 23, 24 and 25, 1899.

The Following Stakes Close Wednesday, May 17.

PACING. TROTTING.\$2,000 No. 8-Three-year-olds and nnder......\$1,000 1,000 No. 9-3:00 Class. No. 2-2:40 Class ... No. 3-2:26 Class 1,000 No. 10-2:26 Class .. No. 11-2;20 Class..... No. 4-2:20 Class 3,000 No. 5-2:16 Class 1,000 No. 12-2:14 Class No. 6-2:12 Class..... 1,000 No. 13-2:10 Class..... 1,000 No. 14-2:07 Class...

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DUBUQUE, IOWA, August 28, 29, 30, 31, Sept. 1 and 2.

Entries Close Wednesday, May 17.
HORSE REVIEW COMBINATION FUTURITY.

For three-year-old Trotters (closed). The Iowa Stake No. 4-For 2:30 class trotters..... The Miles Stake
No. 15-For 2:25 class pacers The Hawkeye Stake -For 2:27 class trotters The Key City Stake The Nntwood Stake 7—For 2:21 class troiters... The Schley Stake 8—For 2:18 class troiters,\$2,500 ..\$2,500 The Allison Stake No. 9-For 2:15 class trotters ...\$3,000 "The Central" Stake The Governor Stake 22-Free-for-all Trotting Stallions ..\$5,000

CONDITIONS—Entrance 5 per cent, payable as follows: 2 per cent, to accompany nominations in all cases; 1 per cent, payable by June 15; 1 per cent, payable by August 15; unless nominator desires to declare out which he may do by June 15 by payment of 1 per cent, or oy July 15 by payment of 2 per cent, and additional 5 per cent, deducted out, provided sald horse was eligible to the class when the states chosed, May 17, 18-9. Nominators may name two horses in one class at the held but for one entrance tee, but must polify the Ass citation recent left in the payable by June 15; 1 per cent, payable by Ju