

buckthorn, and made into two balls; one to be given the last thing at night, and the other the first thing in the morning; and give plenty of warm water to work them oil. If the disease is obstinate and will not yield to the above, give the following ball.

- 1 drach of Cal mel, 8 drachms to an oz.
- 1 oz. of Barbadoes Aloes.
- 1 do of Venice Soap.
- 1 do of Turmeric.
- 1 drachm of Oil of Juniper.

All to be brayed in a mortar with a little syrup of buckthorn, and made into two balls; one to be given at night and the other in the morning, with plenty of warm water, and walking exercise till wrought off.

If the horse is better after the first medicine, repeat it, for it is much safer than the last; but if not, the last may be given, and repeated as need requires; but be careful not to give it in less than six days distance.

If, after giving one dose of the last ball, you give the following powders every other day in celandine tea, if it can be got, or in warm ale, you will find them very useful in removing the complaint.

- 2 oz. of Salts of Tartar.
- 1 oz. of Æthiop's Mineral.
- 3 oz. of Turmeric.

These powders are proper to be given after either of the former doses.

There are so many prescriptions given for this disorder, that a horse's life is endangered by them, for although the things given by many people may do the horse no hurt, yet the disorder is getting stronger hold, and opening the way for others to follow; so that I advise all into whose hands this little treatise may fall, to give the medicines herein recommended a fair trial; and I hope they will be seldom disappointed of a cure.

THE STAGGERS.

This disease is a grievous one indeed. Farriers generally divide it into two heads,—The heart Stagers and the Head Stagers; but they are both one. It is caused by the liver making blood so fast that the cavity of the heart is overloaded and the blood flies up the neck vein till the head is overloaded too: and if relief cannot be obtained the horse soon dies.

SYMPTOMS. The most common are drowsiness, watery and somewhat full and inflamed eyes, a disposition to reel, feebleness, a bad appetite, the head generally hanging down, or resting on the manger. There is little or no fever, and the dung and urine are very little altered. The horse soon begins to reel, and falls down, and is sometimes so outrageous as to bite every thing in his way.

CURE. In the first place, bleed him well as soon as you possibly can, by striking the veins in several places at once, and taking away four or five quarts at one time; and in order to raise up his head and shoulders, support them with plenty of straw. If he survive the first fit cut several

rowels, give him clysters at night and morning, made of barley water and a little sweet oil and salt; and blow up his nostrils a little Cayenne pepper, or white hellebore. Also give him—

- 4 drachms of Bark.
- 16 grains of Turbith Mineral.
- ½ oz. of Camphor.

Give it in a little warm ale. If the horse be outrageous, give him—

- 1 oz. of Tincture of Opium.
- 1 gill of Syrup of Poppies.
- 1 oz. of Tincture of Guaiacum.

Be careful not to let him knock his head, for it will increase the disorder. If he get through the first fit, give him two ounces crocus metallorum every day, to thin his blood, for fear of a relapse. It will be proper to give him the following ball once a month for some time after.

- 1 oz. of Rhubarb in powder.
- ½ do of Jalap.
- 1 drachm of Calomel, 8 drachms to the oz.

To be made into a ball with syrup of buckthorn. This ball will be of great use in thinning the blood, and preventing a return of the disorder; for when a horse has had one fit of it, he is very likely to have another, if care be not taken to prevent it.

SURE CURE FOR FOUNDER IN HORSES.

(From the Son of Temperance.)

As soon as you find your Horse is foundered, bleed him in the neck in proportion to the greatness of the founder. In extreme cases you may bleed him as long as he can stand up; then draw his head up as is common in drenching, and with a spoon put far back on his tongue strong salt, until you get him to swallow one pint. Be careful not to let him drink too much. Then anoint round the edges of his hoofs with Spirits of Turpentine, and your horse will be well in one day. The phleme arrests it from the blood, the salt arrests it from the stomach and bowels, and the turpentine arrests it from his feet and limbs. Founders must be attended to immediately. I have tried the above several times and always effected a cure.

R. A. P.

Pickering, June, 1851.

CHARCOAL.—The use of charcoal in growing plants is now become general, and it is found to produce the most effect when mixed in large pieces with the soil, in rough rotten. Powdered charcoal sifted so as to have the particles not larger than those of sand, has been used in Germany for striking cuttings in, and it is found superior to sand, as it supplies them with nourishment after they are rooted, by attracting oxygen from the atmosphere, and thus forming carbonic acid gas round the roots.

To keep the yellow bug from melons and cucumbers plant an onion in the same bed, or strew the ground with onion tops.