

Bone Dust for Young Stock.

Some recent trials of feeding young stock with bone dust, according to a report which has just been made to the Société Nationale d'Agriculture of France, appear to leave no doubt as to the value of this material. The bone dust employed as an addition to the feeding ration is known commercially as *poudre d'os verts*, that is, the powder is produced from what may be described as raw bones simply dried in the open air and not treated in any way with chemicals. One of the animals experimented upon was a calf 164 days old, weighing about 478 lbs. It received per day about $1\frac{1}{2}$ lbs. of skim milk, $3\frac{1}{2}$ lbs. of oats, $3\frac{1}{4}$ lbs. of hay, and 3 lbs. of mangolds. On this ration it increased nearly 50 lbs. in twenty-four days. To the ration was then added about 4 oz. daily of bone powder, and in the next twenty-four days the calf increased in weight 80 lbs. Thus there was a gain of 30 lbs. in twenty-four days obtained without change of ration beyond the addition of a total of $5\frac{1}{2}$ lbs. of bone powder, which cost $3\frac{1}{2}$ d. The bone dust is said to promote digestion and assimilation of the food, and to favor the formation of flesh and fat. Though it is intended to continue the record of this method of feeding, the experimentalists have no doubt of the utility of bone powder as an addition to the rations for young beasts, and indeed of other animals.—*Mark Lane Express.*

The Sewage Farms of Paris.

The sewage farm at Acheres, which is fertilized by the sewage of Paris, has been successful both for the purification of the sewage and the production of various crops. The sewage, which amounts to 17,660,000 cubic feet per diem, flows as far as Clichy by gravity, and is there raised 118 feet and distributed over the farm. At present the pumping station is of 1,200 horse-power capacity, but it is to be increased to 6,000, and to deal with the output of Paris sewers would require a farm of 11,120 acres instead of the 2,471 acres now under cultivation. The land is worth five times as much as previously, and many of the land owners are eager to have the sewage supplied to their properties. When the sewage leaves the farm so great is the degree of purification attained that a bacterial examination reveals fewer bacteria to the cubic centimetre than is the case with most streams supposed to be uncontaminated.

Sore feet are frequently caused by travelling on gravelly or sandy land. The reason the sores spread upward to the knee is the habit of sheep so troubled to go about on their knees. To prevent it avoid the causes, and as soon as the feet are found to be sore bring up the sheep, and keep them in a suitable enclosure until the feet are healed.

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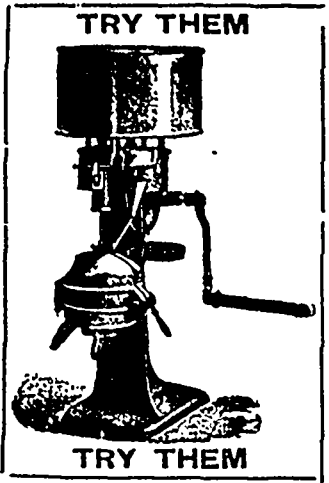
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