LEGFARMERS COLUMNAD

SCROOL STREET CATHOLIC CHEAP PAINT. Cheap paint for ough woodwork or fences is made of six pour so f melted pitch, one pin of linseed oil and one pound of brick dust one pin of hisseed oil and one pound of brick dust or yellow ocher it is excellent, and will stand

for years, make at Him Machael W. this without The seed of sunflowers, is the most kealthy feed that can be given to horses in winter and spring; half a pint a day keeps them in health and springed,

with sleek coats, and more animated than any other feed. It prevents?" heaves" and some other diseases .- Maryland, Farmer.

Thomas Mechan lave down the following rule :-The proper distance to sow or plant anything is so that the roots of the plants, whatever they are, should about touch each other. Thus a wheat plant requires for its best development to be about four or six inches from another plant, to have for its own self to occupy about sixteen or thirty-six square inches of surface.

Every farmer should gather a quantity of road dust during the sommer weather, which will be found very useful for the fowls to dust themselves in during the winter to rid themselves of vermin, also for applying to cattle when troubled that way. It is an excellent disinfectant for privies, and one of the best things to use in closets earth in the winter.

To prevent overreaching in horses, hasten the fore feet and retard the hind ones. This is done by arranging the shoes exactly opposite to the general rule. Raise the heels of the fore shoes as much as consistent with common sense, and lower the heels of the hind shoes by the same rule. This will be more than likely to remedy the evil, as it will assist the fore feet to get out of the way in time for a clean reach for the hind ones.

Top Dressing Orchards .- The London Garden says: "Top dressing can be applied to orchard trees on grass with perfect confidence that improved crops will follow, although the grass itself may be the first to show the benefit of top dressing. There is before us an instance of an orchard of apple trees planted on thin gravelly soil; the trees were covered with moss and stunted, although not by any means old (about 25 years.) The grass of this orchard had been mown year after year for the sake of tidiness, thus exhausting the soil more than the trees did. A rather rough against of tondess. the trees did. A rather rough system of top-dressing was inaugurated at the sacrifice of appearances; all sorts of refuse material were wheeled or carted into the orchard and spread over the surface, such as sifted coal ashes, old decayed tan, the old soil and rubbish from the potting bench, sweepings and scrapings of roads, etc., until a considerable thick-ness of material had accumulated. The first result was a troublesome growth of grass, which was kept down with the scythe, but not cleared away-on the contrary, allowed to rot on the surface. By and by the trees began to emit quantities of young roots from the lower parts of their boles into the top-dressing, and the second result was, that the next crop of apples was considerably larger and of a much improved quality; the branches were severely thinned to admit light and air, well dusted with quick lime to remove moss and lichens, and they were amply repaid annually by this simple atten-

A correspondent writes to the Country Gentleman: _"A year age last January I was on a farm where about twenty-five cows are kept, which were then eating hay in an open lot. I asked the owner why he fed them there instead of in the stable. He said that it was poor hay, and they ate it better there than in the stable, and that they had all the good hay they would eat before they were let out in the morning. Some four weeks ugo I was there again, and his cows were in the stable for the night. It is a basement, half underground, the sill on one side level with the yard, and a wall up to the barn floor on the other; doors and windows on one side. Two rows of cows were standing lengthwise of the stable, their heads toward each other, with an alley be-tween; another row across one end, and his horses at the other. Thus the cows stood surrounded by their own manure. I referred to the conversation a year ago, and asked him if he could give a reason for his cows eating that poor hay after eating all the good hay they would in the stable. He replied that he could not; he only knew that it was poor hay; it had been under water after it was moved, and was very dusty. I gave him the explanation that his cows, after being in this stable a few hours, breathing and rebreathing the damp air filled with the odor from their own manure, would loose their appetite, for their lungs, mouths and throats were filled with this odor, even to tasting, and they could not eat. After being out of doors awhile, cleansing their lungs with pure air, their appetites returned, and they were hungry enough to eat "very poor" hay. Can cows give perfectly wholesome milk when kept in such a stable fourteen hours out of twenty-four?"

INDIAN CORN AS FOOD .- Indian corn is one of the most important and healthy articles of human food that a beneficent Providence has bestowed upon man; and to its high nutritive value is due in a large degree the strength and vigor of the race of men who laid the foundation of this great republic. It was much more largely used fifty or one hundred years ago than now, as fine wheat flour, for some not well-founded reason, has usurped its place in bread making. In the several forms, however, of hulled corn, popped corn, hominy, samp, corn starch, maizena, etc., vast quantities are consumed by all classes of people. Meal from Indian corn contains more than four times as much oleaginous matter as wheat flour, more starch, and nearly as much nitrogenous materials ; consequently in all cold climates, it is admitably adapted to sustain the system by furnishing heat-forming compounds. The oil gives warmth, the nitrogenous principle gives muscular strength. The combination of elementary compounds in Indian corn renders it alone the mixed diet capable of sustaining man under the most extraordinary circumstances. 1t holds the elementary principles which constitute the basis of organic life. In this particular it is more remarkable than any other vegetable production known to man. There is a large number of dishes of which corn meal forms the basis, which are exceedingly palatable. What, for instance is more delicious than cold corn pudding cut in slices and fried in sweet butter and lard? Hot corn. cakes, when properly and skilfully made, are almost universally regarded as a luxury, and Boston brown bread is tamous everywhere in the country. The reason why corn-meal is not more largely used at the present time is that, it is quite difficult to obtain it of dealers or grocers in a perfectly pure and sweet state. Millers grind the corn as it comes from the west, mixed with portions of the cob and saturated with dust and dirt, and this is sold for kitchen as well as for stable, use. If good, sweet, corn is properly ground in an old-fashioned stone mill after being winnowed to free it from dust, a meal will result of a rich golden color, and no dish can be prepared from it which will not be palatable and most nutritious. Farmers who go into the

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