

A horse's head indicates his character very much as a man's does. Vice is shown in the eye and mouth; intelligence in the eye and in the pose, in the mobile nostril, and active ear. The size of the eye, the thinness of the skin, making the face bony, the large, open, thin-edged nostril, the fine ear, and the thin, fine mane and foretop, are indications of high breeding, and accompany a high-strung, nervous organization, which, with good limbs and muscular power, insures a considerable degree of speed in the animal. The stupidly lazy horse that drivers call a "lunk-head" has a dull eye, usually a narrow forehead and contracted poll. He is not represented in this group, but occurs not infrequently, is always a blunderer, forgets himself, and stumbles on smooth ground, gets himself and his owner into difficulties, calks himself, is sometimes positively lazy, but often a hard goer. He needs constant care and watchfulness on the driver's part. A buyer of equine flesh should be able to detect the good and bad qualities of the animals he contemplates purchasing. This valuable knowledge is only acquired by a careful study of the various parts of horse physiognomy.

Should a wagon or buggy tire become a little loose from shrinkage of the felloes, instead of taking the wheel to the shop to have the tire cut and replaced, get half a gallon of linseed oil, and after heating it pretty well, pour the same in a shallow dish and give the rim of the wheel two or three slow turns around through it; the oil penetrating the felloes will so swell them that the tire will become as tight as ever.

Ohio farmers have always been grumbling that wheat growing doesn't pay, and a Delaware County girl resolved to put the matter to a test. She rented 5½ acres and counted every item in the cost of production; the biggest bill being 1,800 lbs. of bone meal, costing \$31.50. The total cost was \$98.12, from which outlay she realized \$142.10, being 203 bushels at 70c. each; average yield 35 bushels per acre; cost of raising a bushel 48c.; percentage of grain on the investment, 44 percent. Why don't all the Ohio girls raise wheat, and allow the boys to raise the bread, calves, etc.?

The time was, says the Stockman and Farmer, when the average farmer of the Central States would have considered it an insult to intimate that he should use "patent manures" on his farm. His land was rich enough, he thought, to produce corn, wheat and hay from generation to generation, without any such appliances. Happy for the present owner would it be had their predecessors—good honest men that they were—treated their land more fairly. In many cases they took crop after crop from the rich soil until it became very much impoverished, and it is found almost impossible to get a good set of grass. Farmers of to-day should learn from the experience of others. If you take from the soil its rich elements, and make no equivalent return, you are not only exacting usury, but are reducing the principal. Study the nature of your soil. Learn the constituents you take from it in the crop. Grow as large crops as possible, but take care to return to the soil the elements you take from it. The artificial fertilizers of to-day, carefully analyzed as they are, are admirably adapted to this purpose. Get those best suited to your wants, and keep up the richness of the land.



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