

ording to

A small breed of Cattle is the best where the summer pastures are poor.—Never raise the Calf of a Cow that is always poor; ill health is often communicated to the offspring. The cow that yields the most butter should be preferred as a breeder, to the one that gives the most milk.

A considerable quantity of manure may be made by keeping pigs always shut up, and throwing plenty of weeds, ferns, and litter into their pens. Where they are allowed to run abroad, they generally do a great deal of actual damage, besides breeding many quarrels among neighbours.

*Japan Blacking.*—3 oz. ivory black, 2 oz. coarse sugar, 1 oz. sulphuric acid, 1 oz. muriatic acid, juice of 1 lemon, 1 spoonful sweet oil, 1 pint vinegar, mix the black and oil, then add the lemon and sugar, then vinegar, last, the acids.

*Cheap Blacking.*—4 oz. ivory black, 4 oz. brown sugar, a spoonful of flour, tallow size of a walnut, a little gum arabic, make a paste with the flour, whilst hot mix the tallow with it, then the sugar, then mix all in a quart of water.

A hedge is easily formed upon new-cleared woodland, by allowing the beech shoots (which always spring up) to stand for the breadth of two or three feet from the log-fence; when they are about an inch thick, they should be cut (near the ground) about half through and bent down, very early in the Spring, before the bark is loose. In the course of a few years they will make a good fence.

Considerable damage is done to pastures by the white Grubs, with yellow heads. These are produced by the large brown beetle or June-bug, they continue for three years in the state of grubs, living on the roots of clover, grass and other plants. The nighthawk lives upon these beetles, and ought for that reason to be protected. For many years the Society of Arts offered a reward of Fifty Guineas to any one who should discover some method of destroying the white grub, which in many Parishes destroyed nearly all the hay, and it became necessary finally to employ persons who paid children a certain price per hundred for the beetles; thus getting rid of a considerable expence, of a nuisance with which they probably would never have been troubled had they not destroyed the nighthawks.

Lady-bugs should never be disturbed by the Gardener, their young feed upon the lice produced by the small green-winged fly.

#### Explanation of Astronomical Characters.

##### THE PLANETS.

The Sun ☉. The Moon ☾. Mercury ☿. Venus ♀. The Earth ☁. Mars ♂. Jupiter ♃. Saturn ♄. Georgium ♁.

##### SIGNS OF THE ZODIAC.

Aries ♈, or the ram. Taurus ♉, or the bull. Gemini ♊, twins. Cancer ♋, the crab. Leo ♌, the lion. Virgo ♍, the virgin. Libra ♎, the balance. Scorpio ♏, the scorpion. Sagittarius ♐, the archer. Capricornus ♑, the goat's horn. Aquarius ♒, the water bearer. Pisces ♓, the fishes. ♈ planet's ascending node. ♎, the descending node. ☿, Conjunction, or when planets are situated in the same longitude. ☐, Quadrature, or planets situated in longitudes differing three signs from each other. ☊, Opposition, or planets situated in opposite longitudes differing six signs from each other.