

It is probably a fact that no variety of fowls has so quickly and so completely taken captive the heart of the practical poultry keepers as have the White Wyandots. They are encroaching upon the popularity of the Barred Plymouth Rock, which for a decade has been the most popular breed of poultry, by far, in the list. The reason for the high estimation in which the Wyandot is held is not far to see. In the first place, it has a splendid market form and is, moreover, a most excellent laycannot be excelled in this respect. is always plump and fat, and this is a almost any time after they are ten



WHITE WYANDOTS.

weeks old. Another point in favor of the Wyandot is its quick maturity. It can be got to laving in five months after hatching. All varieties of Wyandots are of great practical worth, but the white variety is accepted everywhere as being the practical fowl par excellence.-New England Farmer.

Fruit Tree Pests.

Orchardists in Tasmania are subject to a fine of from \$2.50 to \$5, with costs, if they fall to bandage their trees to keep down the codling moth, or if they fail to gather and destroy an infested fruit. Wormy apples sent to market are liable to confiscation and destruction, and the shipper to prosecution. In New South Wales all infested fruit coming from other colonies may be seized and destroyed, or returned to the shipper at his own expense. Fruit growers are generally assisting the Government in enforcing these laws. Similar laws in this country for a few years would seem a hardship to many parties, but would be of benefit to fruit growers and to the country if they were strictly enforced.

The Guernsey.

If there is what is commonly called a special all-purpose cow, that is, one which is excellent for the dairy and good for beef, it is doubtless the Guernsey. It belongs to the so-called Channel Island races, the origin of which seems to have been the cattle of Normandy, the nearly adjoining province of France, but being a part of



THE GUERNSEY COW.

Great Britain for many centuries. The cut is one of a prize cow which recently gained the first prize at the English dairy exhibition, and the Lord Mayor's cup in a milking contest in London. She is an excellent type of this breed, which is noted specially for the high quality of butter, and its fine color, beating the Jersey in as regards the fine grain and high rich flavor of her product. This cow will surpass the Jersey, one half at least, in the weight of carcass, and still more in the quality of the meat. In this respect this breed stands very high, and very nearly approaches the Devon. This cow gave 2751/2 pounds of milk in a week, of which was made sixteen pounds of butter weighed before salting. The breed generally is noted for gentleness and good disposition.

Butterine cannot compete with good butter. There is no such thing as medium butter. If it is not choice it deserves no place in the market. Much of the butter sold is unfit for use, and the cause is ignorance in making it. In Europe dairy schools have been established for many years, the result being a rapid advance in the methods of butter-making. In this country dairy schools are beginning to be established and are well attended. Butter-making wintering. begins when the milk is drawn from the udder, the strictest cleanliness being observed. Fifth and carelessness are the obstacles in the way of good

The English Sparrow. At the recent meeting in Boston of the Society for the Promotion of Agricultural Science, it was stated that the English sparrow eats the caterpillar of the brown-tail moth with avidity. It would seem to have met this mothin England and to have acquired an appetite for it. It has doubtless kept it in check there, and may do so here. At except fruit. last the use of the much-maligned English sparrow has been discovered.

Light Feeding, Little Milk.

It has been demonstrated that a cow also producers of more milk than cows lic.

which eat but little. It is of no advantage to have what is termed a "light feeder," as it is impossible for a cow to yield milk in large quantities unless she consumes sufficient food from buy bran and linseed meal. Economy in the saving of food means a loss in is not only an addition to the raw material to be utilized, but increases the manure heap.

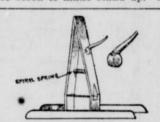
A Supply of Ladders. One of the most important things in narvesting fruit is to have a good supply of ladders. The modern methods of pruning trees do not require the long and inconvenient ladders that were formerly used by leaning them against the tree and picking the fruit from the out- lignified member of the feline tribe is side. This always had the effect of a native of China. "Old Muggins' destroying many small limbs and strip- was born in the city of Hong Kong, and ping the bark from larger ones where is a mere kitten was the private propthe ladder rested. Light, self-support- arty of a noble mandarin of the realm. er. The fowls are quiet and the hens ing ladders that can be set under trees, make excellent mothers,-in fact, they so that the picker need not climb the tip of tail to end of whisker. One throug's them, are what are needed. eye is violet in color, the other is When wanted for market, the Wyandot | The saving in fruit by picking from | bright yellow. "Old Muggins" became these self-supporting ladders will repay the property of Captain Clark so long condition, too, that is true of them at | their cost any year when the fruit crop | ago that he remembers not the day. is abundant.

Wood Ashes.

All farmers know that wood ashes are valuable for fertilizers. But this value is due very much to the material from which the ashes come. Thus ashes made from hard wood are more valuable than ashes made from soft wood. It has also been found that the ticle. value is largely governed by the part of the tree from which the ashes is made. It is declared by chemists that the ash of the young twigs is of more value than the ash of the trunk of the tree, and the ash of leaves still more

For Mending Harness.

4x5 inches, cut five inches long and band since his death. champered off so as to bring points of board together at top. Saw one board off one-half inch below top of block, and rejoin with hinge of leather or rubber belting. Nail two strips 1x2 inches and 20 inches long, one on each end of block to make stand up. Make



hand lever, as figure 1, with a cylindrical roll at end, 2 inches in diameter and 2½ inches long. Put hole one-half inch from upper side, fasten in place with two pleces of stray iron running through slots in clamp boards, and with holes in each end to receive sixteenpenny wire nails, one through hand lever and one on outside of opposite board. An old bed spring will do for spreader.—Practical Farmer.

Ripe Isabella Grapes.

The residence is so imperiate the seeds resemble small black beans.

WHEAT \$2 A BUSHEL.

Some farmers are holding their wheat because they think the price will go to \$2 a bushel. The price, however, may go down and thus great losses will follow. In all matters delays are dangerous, particularly so respected.—Practical Farmer.

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The Isabella Grapes.

The Isabella grape is an old-fashloned variety that came into general cultivation of Orenburg, a town in the solids is in greater proportion than in any other solid.

There is 87 per cent of water and 13 per cent of solids in milk. The sugar in the solids is in greater proportion than in any other solid.

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WHEAT \$2 A BUSHEL.

Some farmers are holding their wheat because they think the price will go to \$2 a bushel. The price will go to \$2 a bushel to the same material may bear the intensest rigors of an Arctic winter's bushel in the same material may bear the intensest rigors of an Arctic winter's bushel in the solid sease, and giving the patient with the solid sease and provious to the cold that anyone clothed in such

variety that came into general cultiva-tion years before any of the newer southeastern part of the empire. When varieties were originated. As a consespread out it is 10 yards square, but is A novel cure for consumption, it is Sit down and cool off suddenly, and quence, being a late-ripening variety, so exquisitely fine that it may be said, has been for some time in use by then regret it, for stiffness and soreness it was long grown by farmers whose passed through a finger ring, and when Dr. J. B. Murphy, of Chicago. The is bound to follow. Follow it up with locality was not adapted to it and who folded makes a parcel a few inches remedy consists in the hypodermic in- St. Jacobs Oil and you will have nothing greater in China than in any European could not get it to ripen. To be at its square. best, the Isabella requires as long a season as does the Catawba. It should hang on the vine two weeks or more after turning black. Then it is nearly or quite as good as the Catawba, though with quite a difference in flavor.

Temporary Fencing.

The zigzag plan of building temporary board fences is recommended by a correspondent, who says: If the boards are 16 feet long, set the posts 71/2 feet apart and in a straight line. Put the boards on as shown in sketch, nailing one panel on one side of the post and the next one on the other, with the post in the center of the board on the opposite side of the board. This method of putting on boards bends them slightly, and the boards are inclined to hug to



ZIGZAG BOARD FENCE.

the post. In case an animal pushes a board loose from the post if it is not broken it will spring back to its place, making it appear tight, thus presenting no inducement to stock to jump. -Farm and Home.

Hints for Beekeepers. Moth worms bother Italian bees very

Spring dwindling is the result of bad

Bees require ventilation in the hive during the winter.

The nourishment of the bee consists of honey and pollen.

Honey will ripen just as well outside of the hive as in it.

In wintering it is always best to take away all but one queen.

Do not allow any drone comb to remain in the hive except the colonies you wish to breed from.

A piece of ground taken up with bee hives is of little value for anything else

The pure Italian bees show three yellow or golden bands encircling the body

when the bees are filled with honey. The hives should not be shifted will eat as much as seventy-five pounds around from one place to another, as of green food in one day. This appears the bees will get confused and it will as a large quantity, but such cows are often incite robbing.-St. Louis Repub

Like Boils

which to produce the milk. Do not re- If you do not, you should take Hood's used as a substitute for coin. duce the food because of a scarcity, but Sarsaparilla and it will purify your blood, There are 27 royal families in from the poisons which cause them. The German origin. the product. Food brought on the farm great blood purifying power of Hood's Sarsaparilla is constantly being demonstrated by its many marvelous cures.

Hood's Sarsaparilla

Captain Clark's Pet Cat. For years Captain Clark, of the battleship Oregon, has had for his especial pet a cat which bears the mysteriously chosen name of "Old Muggins." The

He is a pure white throughout, from The American naval commander was in the port of Hong Kong on a United States man-of-war. He became acquainted with a number of rich manlarins in the court service, and so won their esteem that, as the highest mark of favor possible for them to bestow upon the American officer, he was presented with this cat .- Chicago Chron-

Prosperous Woman Farmer.

One of the most prosperous farmers in Oklahoma is Mrs. Jane Crumm, who lives near Calumet. Four years ago her husband died, and since then she and a 14-year-old boy have cultivated 320 acres of land, and this year raised over 5,000 bushels of wheat, besides Take two pieces, 1x5 inches, 21/2 feet porn, oats and other things. The long, trim one end of each to a nice widow plows every day and has paid a edge to hold leather, and nail to block large amount of obligations of her hus-

> The production of electric energy by the direct action of the atmosphere is now claimed to be possible with a battery in which there is a peculiar treat-

The first vessel to carry the American lumbia, which sailed from the port of Boston September 30, 1787.

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FROM ABROAD.

Smoking was not permitted in England railway carriages until 1846.

In some parts of Norway coin is still

oure your boils and keep your system free Europe, two-thirds of which are of reformers.

It is said that the first weeping willow in England was planted by Alex-

ander Pope, the poet. The cartmen who haul sand to Rome dangerous. for builders work 19 hours a day for Hood's Pills cure Sick Headache. 25 cents. 35 cents, and sleep in the stables with

of minerals of £138,000.

allowed to have its bill of fare exclu- great deal, began to fail in an alarmsively in a foreign language. By a re- ing manner. She grew steadily paler cent edict a Russian version must al- and thinner, and it appeared she was

British empire, and the queen would physician found her pulse at 104-a have to live another 70 years to enable very high rate. Thinking this may her to see all of them pass before her, if marching night and day for all that

A recent report issued in Germany says that 3 574,501 hectoliters of beer were absorbed in Berlin in 1897, "so that each inhabitant drank 206 liters." In 1892 the average consumption was 169 liters.

The system of vaccination is so perfeet in the German army that smallpox has been reduced to six cases annually. All recruits are re-vaccinated, and have been due to temporary nervousthere must be at least ten punctures in ness when he examined her, he watched each arm.

1,000 men in battle in the Greek war, fied then, from her high pulse and but 19,000 died in Thessaly of disease steadily wasting condition that she was and 22,000 were sent home invalided suffering from anaemia or a bloodless and of the latter 8,000 subsequently condition of the body. She became died. Among the dead were 17 army extremely weak, and could not stand

The question to what extent the mended by an old alkaline earth salts in drinking water to get some of that famous autumn, and that is neuralgia. To affect the decay (caries) of teeth has of blood medicine. Dr. Williams' soothe the pain, strengthen the nerves late been studied in several quarters. Pink Pills for Pale People. They did Statistics have been collected by Rese so, and almost from the first dose Berin several localities in Bavaria and by the began to improve. She continued Foerberg, in Sweden. These have re- to take the pills and was by means of ment of plates of compressed graphite. vealed the interesting fact that the those pills made entirely well, and extent of decaying teeth bears a definite more grateful people than her parents No household is complete without a bottle of the famous Jesse Moore Whiskey. It is a pure and wholesome stimulant recommended by all physicians. Don't necessary to the quantity of calculated the complete the compl relation to the hardness of the water; cannot be found in the whole state of in other words, to the quantity of cal- Ohio. through which the water passes. The proved a boon to womankind. Acting harder the water the better the teeth; directly on the blood and nerves, they dag around the world was the ship Co- the smaller the quantity of these salts restore the requisite vitality to all the greater the decay of the teeth .- parts of the body; creating functional Sudd. Ap. Zeitung.

A Remarkable Plant.

A flower known as the larghing plant, which grows in Arabia, is so

jection of pure nitrogen into the lungs. to regret from a prompt cure.

Women and the Wheel.

From the Gazette, Delaware, Ohio. The healthfulness of bicycle riding for women is still a disputed question between eminent physicians and health

Used in moderation it surely ereates for women a means of out-door exercise, the benefit of which all physicians concede. Used to excess, like any other pastime, its effect is likely to be

The experience of Miss Bertha Reed. the 17-year-old daughter of Mr. J. R. Reed, 335 Lake street, Delaware, O., As an effect of the South Wales coal may point a moral for parents who, strike, the Great Western railway has like Mr. and Mrs. Reed, have experisustained a direct loss upon a carriago enced some concern for their daughters who are fond of wheeling. In the fall No restaurant in St. Petersburg is of '96 Miss Bertha, who had ridden a going into consumption. Rest and There are 400,000,000 people in the quiet did her absolutely no good. A



her closely, but her pulse continued at It is stated that Turkey lost less than that rate for two weeks. He was satisthe least noise or excitement. In this miles long. condition of affairs toy were reccom-

> Dr. Williams' Pin' Pills have regularity and perfect harmony throughout the nervous system. The never been closed, night or day, for 150 pallor of the cheeks is changed to the years. delicate blush of health; the eyes brighten; the muscles grow elastic,

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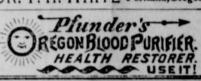


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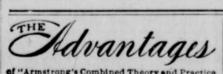
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If you want the best wind mill, pumps, tanks, plows, wagons, bells of all sizes, boilers, engines, or general machinery, see or write JOHN POOLE, foot of Morrison street, Portland, Oregon.

The average weight of a brain is country excepting Scotland.

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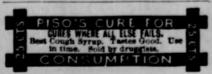
It is delicious besides.



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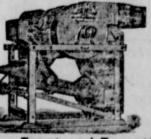
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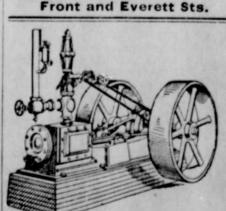
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