

HASZARD'S GAZETTE, JULY 20.

JULY—WORK TO BE DONE.

The farmer now begins to reap some reward for honest toil, the results of his spring's labor are just assuming a tangible form in the harvest of grain and grass, which commences in the latter part of June with clover, and the early part of this month with orchard-grass, timothy, wheat, rye, &c.

A great variety of opinions exists as to the proper time for cutting wheat. The following accords with our experience in wheat growing:

"Experiments, careful and repeated,—the true touchstones of all theories—have solved the question of the period of cutting grain, in favor of early harvesting. Don't delay this, until the grain is either ripe or dead ripe, but cut a week or ten days before it is either the one or the other. As soon as the straw immediately below the head turns yellow, becoming hard and dry two or three inches length, no more nourishment can be received from the root, and for several reasons the sooner it is harvested, the better."

Professor Norton, who judicious ranks among the ablest agricultural chemists, says:

"The time of cutting grain very sensibly affects the proportion of flour and bran yielded by samples of it. Careful experiments have shown with regard to wheat, that when cut from ten to fourteen days before it is fully ripe, the grain not only weighs heavier, but measures more; it is positively better in quality, producing a larger proportion of flour to the bushel. When the grain is in the milk, there is but little wood fibre; nearly every thing is starch, gluten, sugar, &c., with a large percentage of water. If cut ten or twelve days before full ripeness, the proportion of wood fibre is still small; but as the grain ripens, the thickness of the skin rapidly increases, woody fibre being formed at the expense of the starch and sugar; these must obviously diminish in a corresponding degree, the quality of the grain being of course injured."

The same thing is true as to all the other grains."

If these things be so, of which there can be no doubt, this is truly an important matter in this large wheat-growing region.

If grain cut two weeks before it is fully ripe

will produce fifteen per cent more flour,

and fourteen per cent greater weight of straw—both of a superior quality—in the aggregate, an important difference in product would result to the country from early harvesting.

Every experiment, of which we have seen any account, proves unmistakably that such is the fact.

"For seed, it is thought that wheat should be suffered to stand until ripe. This is undoubtedly true, for all know that mature and perfect seed is necessary to produce healthy and vigorous plants. But this can be easily managed, by selecting a portion of the field to stand until the remainder of the harvest is completed."

We would recommend the use of a machine reaper for harvesting grain and cutting grass.

Great losses sometimes occur from the slow progress of cutting by hand, while, if a machine be used, the field may be cut at once and placed in a safe condition.

These reapers are now constructed, as to

be easily converted into a mowing machine for cutting grass. They perform this operation equally as well as that of reaping grain.

Orchard grass should be cut while in flower; it is more tender, and will make better hay than when cut later. Timothy grass never should be cut until the seed has formed; and about the same rule may be applied as to grain crops. If left longer, it will become tough and wiry, the starch, &c., will become changed in part to woody fibre, and of course is less nutritious than when cut at the proper season.

Clover should be mown closely to the ground; and the after-growth will be more rapid and even than if cut irregularly. The season when clover has passed the point of full bloom, and the blossoms are slightly tinged with brown, seems to be the most proper period for cutting. The usual method of stirring out the green clover to the powerful influence of the June or July sun should be entirely abandoned. By this process the leaves are immediately dried up and lose their sweetness. Clover hay made in this way proves injurious to animals fed upon it. This is more particularly noticed in horses troubled with hives, and in cattle.

The practice of some farmers is to follow the mowers—if the grass be dry—and lay up the clover in small heaps to remain so for two days to wilt, when they are turned over, aired, doubled, and then allowed to stand another day, turned up to the sun and air, and when freed from moisture carted into the barn. As soon as stored, it is usual to add from eight to twenty quarts of salt per ton. Some use no salt, but place a layer of straw alternately with a layer of clover, thus allowing them to stow it away in a fresh state. The use of too much salt is injurious to stock. Its tendency when used in large quantities is to purge the animal. This causes them to devour an inordinate quantity of food, with but slight benefit. Six to eight quarts of salt is an abundant supply for each ton of hay.

Many other grasses are sometimes cured by merely exposing them to the sun by spreading, or allowing it to dry in the sun a day or two, but it is much better practice to throw it into snug cocks after the superabundant moisture is dried off by exposure to sun and wind. Hay well made in winter is much more valuable than when cured in any other way. It retains its sweetness better, and will keep longer in a good state in the snow. Hay which has been properly cured will come out in the spring with a fresh green appearance, while that not so cured will have become mouldy and finally fail to feed the stock. Let the reader be assured, what is worth doing at all is worth doing well."

worth doing well," and your animals will not suffer from the use of poorly prepared provender.

STRAWBERRIES GRAFTED ON ROSES.—A short time ago there were exhibited in Paris, in a florist's shop on the Boulevard des Italiens, several roses, upon which were grafted a few strawberry plants. This curiosity attracted much attention from the passers-by. The process by which it was effected was as follows:—In autumn a few dogroses of good sort, on their own roots, are selected and planted in pots; at the same time a well-rooted strawberry is placed with each rose planted just beneath the stem of the rose. In spring, when the runners of the strawberries soon make their own roots, in due time these roots are cut away, making the cuts as for a scion, and then they are grafted on the rose stem "without cutting or tearing the runners from the parent plant in the ground." In this way, the strawberries will vegetate upon the rose tree for some time.

WHAT IS "CANTAVASSE"?—A witness having said, before the Clare election committee, that he had been "all day canvassing," was directed to "define" canvassing, which he did thus:—"To try to induce the voters to vote for Corny O'Brien; and if they would not, to give them drink till they could not vote at all."

A contemporary imagines that gold will go on increasing, until it becomes less valuable than old iron. In less than ten years he expects to see temporary nails take the place of breast pins. Gold in his opinion, is bound to be a drug, and, in a century from now, will only be used for coal-scuttles.

A singular mode of betting is resorted to on Sundays, on the western waters, on which days there is no card-playing allowed. The gamblers sit around a table, each having before him a lump of loaf sugar; a stake is put up by the players and he upon whose lump a fly lights first, wins the 'pile.' They also make side bets among themselves upon this important event. The excitement often waxed high, as the fly hovers over and around the sweet morsels undecided upon which to feast."

SCRAPS OF NEWS

A NOBLE MONUMENT.—To honor the memory of the late Duke of Wellington, a magnificent school is to be established, at which children of army officers are to be admitted free of charge. The Queen heads the subscription with £5000; Prince Albert and the Duke of Cambridge (the Queen's Uncle) follow with £2500 each; and there are several sub-subscriptions ranging from £500 to £1000. The entire subscription already amounts to £400,000, and will probably be increased to £500,000. Isn't this better than a pyramid of useless granite?

In answer to a question from Sir J. Pakington, relative to the affairs of Jamaica, Lord Russell stated that the Government has the subject under consideration, and would be ready to propose a plan for the pacification of that colony in a few days.

SAMPLES OF TEA, GROWN NEAR THE HIMALAYA MOUNTAINS, HAVE BEEN EXHIBITED IN ENGLAND.

SEVERAL RABBITS HAVE DECLINED THE EXPERIMENTS OF THE TURNING TABLES ARE OPPOSED TO THE LAW OF MOSES.

G. SUMNER HAS BEEN PRESENTED TO QUEEN VICTORIA; BUT IT IS STATED, THAT HER MAJESTY REPLIED TO MRS. BEECHER STOWE AT COURT.

IT IS NOW PERIODICALLY UNDERSTOOD, THAT THE POLICY OF THE PEACE ADMINISTRATION IS STRICT NON-INTERVENTION AS REGARDS EUROPEAN AFFAIRS, "EXCEPT IN A CASE OF NECESSITY OR SIEGE AS TO FALL WITHIN THE RANGE OF SELF-PROTECTION."

THE NEW YORK EXHIBITION IS POSITIVELY TO BE OPENED ON THE 15TH INST.; THE INAUGURATION TO TAKE PLACE ON THE DAY PREVIOUS. PREPARATIONS ON AN EXTENSIVE SCALE ARE BEING MADE TO PUT THE FAIR IN GOOD SHAPE.

THE BEST APPROXIMATION TO HAVE BEEN OBTAINED IN THE SEVERAL AMERICAN CITIES, AND QUITE A NUMBER OF DETAILS ARE REPORTED FROM THE INJURIOUS USES OF COLD DRINKS. AN UNUSUAL NUMBER OF CASUALTIES, FROM LIGHTNING, FIRE, AND STORMS, HAVE OCCURRED DURING THE PAST WEEK—NOT LESS THAN FORTY PERSONS BEING KILLED, AND IN MANY OTHERS SERIOUSLY INJURED ON FRIDAY THE 1ST INSTANT.

THE PRICE PAID FOR THE STEAMER ROSE BY MESSRS. CUNARD & CO., IS SAID TO BE £1000 PER MILE. THIS LITTLE CRAFT WAS FORMERLY OWNED BY JAMES PEAK, ESQ., OF CHARLOTTETOWN, P. E. I., AND HAVING RECENTLY BEEN PUT IN A THOROUGH REPAIR IS AT PRESENT NEARLY AS GOOD AS NEW. IT IS FURTHER SAID THAT THE ADMIRAL PAY £200 PER MONTH FOR THE USE OF HER DURING THE PRESENT FISHING SEASON.—NEW YORK.

THE PRACTICE OF SOME FARMERS IS TO FOLLOW THE MOWERS—if the grass be dry—and lay up the clover in small heaps to remain so for two days to wilt, when they are turned over, aired, doubled, and then allowed to stand another day, turned up to the sun and air, and when freed from moisture carted into the barn. AS SOON AS STORED, IT IS USUAL TO ADD FROM EIGHT TO TWENTY QUARTS OF SALT PER TON.

SOME USE NO SALT, BUT PLACE A LAYER OF STRAW ALTERNATELY WITH A LAYER OF CLOVER, THUS ALLOWING THEM TO STOW IT AWAY IN A FRESH STATE. THE USE OF TOO MUCH SALT IS INJURIOUS TO STOCK. ITS TENDENCY WHEN USED IN LARGE QUANTITIES IS TO PURGE THE ANIMAL.

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