FOR FARMERS AND GARDENERS.

Cultivation of Wheat.

The article on this subject, by Mr. E. Sayers, printed in another column, is worthy the earnest perusal of all classes-more especially the farmer. It contains some facts which, though not generally known, are not less prac- the milk, without disturbing it, on the stove; to treat of everything that is connected with tical and important to be understood by the farmer.

culture to do with farming; or, What can a a professional horticulturist understand rela- Now set it away till quite cool, and then skim farmer to judge how far I am right in what then hauled up to the top of the tub and a

on farming operations?

These questions may be asked with about as cause he had not a vineyard himself, presumed to write upon the cultivation of the vine, and about the grape vine?"-or more recently, by an individual who inquired, "what book do you by asking that shrewd gentleman if he would invented. like to purchase the book, if he could be informed what it was; or, would he rather solicit while quite as large a quantity of butter is the loan of it?

Now, to gratify this commendable spirit of ingenious inquiry, and to allay all ill-grounded tors and correspondents obtain our "inexhaustible fund" of information, we will disclose the unfathomable mystery which, with that individual and possibly one or two others, has enshrouded the remarkable and unprecedented development of truth through the various departments of the Deseret News, by stating that ordinary way." the "book" from whence we gather our information is the Book of Experience and Common Sense. Perhaps the person or persons referred to would rather borrow this book than purchase it, as it is somewhat highpriced. If this be indeed the case, we will further say that, unlike the News, it can only be loaned in part. This we offer you, free, gratis, for nothing, without price, in our weekly issues.

is small, we are assured) who cannot afford to ed with their culture. Besides, it has been at once exert themselves to purchase this excel- proven that this product can be successfully lent work, we would say to all such, subscribe cultivated in various parts of the South, so far and pay for the News and, if you are in as the soil and climate are concerned; but possession of any facts, in arts, science or this has been done in so limited a scale that he follows the same practice with wheat and wheat, so called, being so productive, for the philosophy, that might be of interest to com- the profits could not be determined, nor the his answer is in the negative—it is of "no munity, or to even a portion of the community, culture extended, from a difficulty of obtainadvise us of the same and, by thus continuing ing a larger supply of the plants. Hence it

possessor of the work.

to your own affairs-to the scrutinizing obser- that it would mature, in order that more seeds it is of "no use" to the other. vation of the matters and things with which can be procured, and the culture indefinitely you are intimately concerned, taking the lib- increased. Still, it would be proper that exerty always of generously culling all the good periments should be made on a limited scale you can from every source and discarding the in all parts of the Union where there would be wrong. A persistent though slight depar- a probability of success. No disposal will be ture from this golden rule, "mind your own made of the plants now growing at the propabusiness," may forever deprive you of the gating gardens before the convening of the may certainly secure.

Who, then, desirous of receiving and doing good, will assume to depreciate the labors of the Prairie Farmer gives the following cure benefit may be derived in keeping any variety an honest, sincere co-worker for the common weal? Who will say the article alluded to, on the cultivation of wheat, because it emanates from a horticulturist, is unworthy of consideration? We say read the article and, much salt into it as will dissolve, cool it to practice, as he will naturally become familiar if it contains any ideas or suggestions that are not strictly true and practical, do us the held with nose up, that the brine will be sure many useful lessons that would never have favor to expose and correct them. If it con- to go into the head; then give them two or entered his mind had it not been for such obtains principles that are incontrovertible, three good slices of fat salt pork; cut or split servations. easily demonstrated, and highly practical, please oblige and benefit yourselves by approving and practicing upon them. ~~~~~~

Sorghum Molasses .- Experiments with the Sorghum cane at the east, thus far go to show of hollow horn. In some very bad cases of that the juice is much better adapted for manufacturing into molasses than into sugar. While the syrup is excellent and easily made, the sugar is said to be of poor quality and made with much difficulty. The Sorghum syrup, when thoroughly clarified, has a pure, sweetening property that will answer almost all domestic purposes. At all events, with a very little of imported sugar, we can do with the home-made Sorghum molasses, until some means are devised for making sugar at home. · www.

vented by setting a trough in some convenient place accessible to them, as soon as the fly begins to trouble them; put in about two inches of tar in the bottom and sprinkle salt over it.

Butter in Five Minutes without a Churn.

A correspondent of the Scientific American highly recommends the following method:

"After straining the milk, set away for about twelve hours, for the cream to rise. lift them by.) After standing as above, set an Horticultural treatise, but as it is my design let it stand there until you observe the coating the culture of the vegetable kingdom, I may be of cream on the surface assume a wrinkled excused for simply giving my views on that It may possibly be asked, What has horti- appearance, but be careful it does not boil, as, which seems to be practical in its bearing to with the milk and cannot be again collected. cultivation of wheat, leaving the practical tive to the most approved modes of carrying off the cream, mixed with as little milk as pos- may be advanced on the subject. sible. When sufficient cream is collected, pro- I need not in this place pretend to give any ceed to make it into butter as follows: Take a dissertation on the usefulness, or the historical wooden bowl or any suitable vessel, and hav- account of so useful a grain, nor treat on the much propriety and semblance of good sense ing first scalded and then rinsed it with cold numerous varieties, in the different parts as was evidenced when this gentleman, be- water, place the cream in it. Now let the where wheat is cultivated. Like every other then well mixed together; when the lime adoperator hold his hand in water as hot as it family of vegetables, the varieties have been can be borne for a few seconds, then plunge it extended to a very great number, far too great into cold water for about a minute, and at once for the profit of the cultivator, and I am of an it was asked, "What does Mr. Sayers know commence to agitate the cream by a gentle opinion if they were reduced to one fourth of butter will have come, when, of course, it would arise from such a reduction. must be washed and salted according to taste, get all your information from?" We thought and our correspondent guarantees that no that this question might have been answered better butter can be made by the churn ever

To those who keep only one cow, this method obtained as by the common mode, the skim milk is much sweeter and palatable. In the summer season it will usually be found necessary to bring the cream out of the cellar (say apprehensions relative to the source from a quarter of an hour before churning) to take whence we and some of our regular contribu- the excessive chill off; in winter, place the vessel containing the cream over another containing water to warm it; then continue to agitate the cream until the chill-has departed.

It is worth trying.

Tea-Seed Applications .- The Commissioner of Patents has issued a circular in reply to the numerous applications for tea-seed which are pouring upon the office at the rate of about thirty per week. The circular says, "that a due attention to preparing the grain before owing to the delicate nature of the seed, after sowing. undergoing so long a voyage, it would not be advisable to place them for the present, for If, therefore, there be any (the number is experiment, in the hands of those unacquaintin well-doing, you may, ere long, become a would seem to be advisable that the present importation should be grown in considerable To attain this, will require close attention quantities in those sections where it is known possession which, on the above conditions, you next Congress, after which a feasible plan will be proposed for their distribution."

Cure for Hollow Horn .- A correspondent of to fail:

"I take a common pint cup or basin, fill it half or two thirds full of warm water, put as about blood-warm, and pour this into the crea- with the good and bad properties of his crops; ture's nostrils; the head of the animal must be and practice will, by this custom, learn him the end of the tail; I then make more brine, have it as hot as I can bear my hand in, put in more salt than will dissolve; with this wash and rub the cords of the neck and roots of horns. I think brine put on in this way is better than spirits of turpentine as a preventive this disease it may be necessary to repeat this dose two or three times, but not oftener than every other day."

Not many instances of this malady would manner. occur, we imagine, if cows and other animals were properly fed and well sheltered in cold Is essential to preserving it from the attacks weather.

Cooking Feed for Hogs .- Late experiments of an extensive pork-grower in the east, in and brining wheat being the most universal changing hogs' feed from raw to cooked and and, I believe, the best. I will herewith apground food, resulted as follows:

"One bushel of dry corn made five pounds The Grub in the head of sheep may be pre- and ten ounces of live pork; one bushel of boiled corn made fourteen pounds and seven ounces of pork; one bushel of ground corn, called "the brine tub." This holds about tract a great portion of nutriment adapted to boiled, made in one instance sixteen pounds double the quantity of wheat he intends to its growth and requisite in producing good seven ounces, in another nearly eighteen sow each day in the season. He also has a crops. pounds of pork."

[COPYRIGHT SECURED.] A TREATISE ON HORTICULTURE

> BY E. SAVERS, HORTICULTURIST. No. 14.

CULTIVATION OF WHEAT.

In writing on the culture of wheat it may be (Milk dishes ought to have strong handles to considered as uncalled for, under the head of should this be the case, the cream will mix those who have not been accustomed to the

WHEAT A BIENNIAL PLANT.

Triticum or wheat in its primitive or native two seasons to bring it into a state of proper and sow it the next day. growth and maturity. When ripe in the fall of making butter will be found really valuable; the grain falls from its husk or covering on the sowing requires but little comment; suffice it ground and, so soon as rain or moisture is suf- to say, that it is considered a preventive ficient for its economy, it takes root, fastens against the smut, by destroying the fungous itself to the earth, so as to remain during the substance that is about the grain; it also prewinters. As the spring advances, the young vents insects from attacking it, besides, I beplants make a second growth and continue to lieve it serves to preserve the grain from rotincrease through their progressive stages of ting when lying long in the ground before growth until they arrive at a state of maturity. germinating.

ITS ORIGIN.

By cultivation, wheat, like many other In regard to the time of sowing and general Before washing the butter, separate all the families of grain, has been improved from its culture, the fall season is the only time to milk you possibly can, as the butter will be wild, primitive state to serve the end of domes- plant the seed, in order that it may have due found excellent for tea cakes. Butter made tic economy, and, in this state, it is subject to time to grow and come into a state of perin this manner will be much firmer and less various changes from a state of perfection, by fection. As this, however, in many instances, oily in hot weather than when made in the disease, influence of insects, bad cultivation cannot be done to advantage where wheat is and more particularly an undue attention on likely to be winter-killed, spring sowing is the part of the cultivator in selecting good often done with what is called winter wheat. seed for planting.

DETERIORATION.

By many persons it is universally acknowledged that this grain is fast deteriorating into a weak, meagre state, and one of the great causes is in sowing poor seed, and not giving

INCONSISTENCY OF SOME FARMERS.

It is somewhat singular that every farmer makes it a universal custom to select out his thinks of adopting such a practice for wheat. into maturity. Ask him what he selects the corn for, and the answer will be, it is his custom and it is right than four or five months to grow and come into do so to keep up his stock true to its kind to maturity. and in a good, healthy condition. Ask him if

NECESSITY OF SELECTING GOOD SEED WHEAT. Now, as the corn and wheat are alike annua grains, if it is necessary to select the seed of ening the due time of its natural growth. one, it is also equally necessary to select the

MANNER OF SELECTING IT.

There is but one method that can be adopted to keep wheat true to its variety, and in a wheat in the ear, in the course of every two than when in a healthy state. or three years, for seed.

Suppose for instance he collects in the fall from any given variety the best ears sufficient to make a peck of seed. Sow this on a good clean piece of ground for seed for the ensuing season and from this stock grow seed wheat for two or three years, and then again renew for this disease, which he says he never knew true to "its kind and in a good, healthy condition.

TO THE YOUNG CULTIVATOR,

Much good would also accrue from this

THE EXCHANGE OF SEED WHEAT

Is also essential to keeping it in a healthy condition. This is a custom which has been erable mass of heterogeneous varieties. successfully followed for a number of years by the English farmers. The practice is for farmers who cultivate wheat on a heavy clay or loam to exchange with those who cultivate a light, sandy or chalky soil; and it is understood by the parties that every attention is to be given to growing the seed in the very best

PREPARING THE SEED BEFORE SOWING, of insects, keeping down smut and other diseases incidental to it. There are several methods practiced for this purpose—the liming in the valley, it is not my province to dictate pend a method long adopted by the Kentish farmers, England:

BRINING SEED WHEAT.

strong basket made of willows, that fits inside! If continual cropping of wheat must be

of the tub, to hold the wheat. The basket has two strong handles; a stick is run through the handles, over the tub is fixed blocks and pullies for drawing up the basket from the tub. Strong brine is made, sufficient to float an egg; at the commencement, the basket is put into the tub and filled about half full of wheat. Sufficient brine is then poured in to rise nearly to the top of the tub.

When the wheat has been in the brine about an hour it is stirred well with a stick, and all the chaff, seeds of weeds, etc., float to the top of the brine, which is skimmed off with an old

milk-skimmer.

After the wheat has been in the brine from piece of board is placed under it, so that the brine may run off into the tub. After draining a few minutes, the wheat is thrown out of the basket in a small heap; this done, some pulheres to the wheat, it is then prepared for sowing.

ANOTHER METHOD

circular motion. In five minutes or less the the number, that the most favorable results Is often practiced on a small scale by preparing a thin mortar of brine or chamber ley, well mixed. Form the wheat into a conical heap, make a small hole on the top and pour the mixture into the heap, so that it is well mixed state is a biennial plant; that is, it requires together, then stir it together, put into a bag

TIME OF SOWING.

SPRING SOWING TO BE AVOIDED.

This spring sowing is however cutting

"The time of life too short."

Wheat, like many other vegetable productions that are biennials, requires two seasons to grow into a state of maturity. When forced to produce a crop in one season, it is made unnaturally an annual plant and, by so doing, the natural habit of the plant must be weakened by slow degrees and hence it will be seen that wheat, planted in the fall, has from nine best ears of corn annually for seed, but never to ten months to make root, grow and come

When planted in the spring it has no more

very reason that, while the grain was preserved two thousand years in its primitive state, the same variety was undergoing certain changes by mingling many varieties, disease, and short-

It may be a question for the agriculturist to seed of the other. If it is "no use" to the one study, if wheat, which has been often grown in the valley from very late sowing, is not by slow degrees assuming a weak, meagre state. If this is a fact, the wheat is more subject to disease, for I hold it as a rule that a weakly constitution in the vegetable is alike synonygood healthy state, which is in selecting mous to the animal, more subject to disease

WHEAT TO BE SOWN EARLY.

When wheat or any other biennial plant is made annual by growing it in one season instead of two, it should be the object of the cultivators to plant early and use every possible means in culture to prolong the time of growth as much as possible, in order to produce well matured for a future sowing.

QUESTION FOR SCIENTIFIC FARMERS.

Whilst on these subjects, I will throw out a few hints to the scientific leaders of Horticulture and Agriculture, of the present 'enlightened age.' We hear much said of mother earth's "being run out" -- ceasing to give due support to the vegetable kingdom. The question might be asked if the vital principle or natural stamina of vegetable life has not in a measure been "run out" by undue management in cutting short the natural time of growth in grain, vegetables and fruit, and by too much mingling the true or pure varieties into an innum-

THE DETERIORATION OF WHEAT

And other varieties of grain and vegetables. so much written on, is, I believe, chiefly owing to the above facts. The truth is, that almost every specie of grain and vegetable has been so much grown into choice varieties, that the old, primitive, healthy quality is almost extinct: and, until it can be again reclaimed into a healthy, vigorous state, little good may be expected in the present state of agriculture.

ROTATION IN CROPPING.

Regarding the manner of cultivating wheat to the practical farmer, who, I think, will agree that, if the practice of routine cropping was more generally practised, much good would result therefrom.

The too general practice of continual sowing For this purpose the farmer has a large tub. wheat on the same ground must naturally ex-