

Byble Booksbur.

From the Ohio Cultivator.

WHEAT. Crops is require to be fed as well as Animals.

In the first settlement of this country, the domestic animals found food growing spontaneously in the prairies and forests, and they lived almost entirely without the aid of their owners. As the country became more populous, and the animals had greatly increased, this spontaneous food became exhausted, and they had to be fed by the hand of man.

When the soil was first reclaimed from the forest, the crops obtained their food, for a number of years, from the abundance of vegetable matter which had been accumulating in the soil, as well as from the inorganic substances, which had been But I have not yet got through with the brought there by natural causes. But in a few years, by a constant drain upon the and it is now as much the interest of the farmer to feed his crops, as it is to feed his

cal farmer, "I haul out stable manure and the grain, 0.6 of a pound of phosphoric Jas. F. W. Johnston. straw, and I sometimes plough in clover, acid, and in the straw, five pounds; also I sow my crops."

a hundred may do this; but I should like like vegetables, and therefore they must be to be able to make this statement in 'ina hundred who does not do it."

tive organe, as it is that of unmais. Did you ever think of this? We do not feed hogs on hay; neither do we give pork, to horsest but we are, nevertheless, careful der them."

Practical Farmer, "I cannot raise good wheat when I sow it on my land without manure, it is struck with rust; the berry shrivels, and I do not get half a crop. And thea I go to carting on manure, and my wheat goes to straw, falls down flat on the ground, and has no grain worth the labor of saving; and so I turn my hogs into the field, to get what few grains they may find. my farm; it is either too rich or two poor If I put on manure, the straw grows too rank, and is too weak to stand up; if I sow without manure, the heat and moisture of science. strikes it with rust. I must go to raising

some other crop."
"Stop, neighbor," says Science, "here I have a book that will tell you something about raising wheat. I think it probable that you have been giving pork to your horses.'

Prac. Farmer. Oh! go away with your book. Do you think I want any of your book farming about me? I have been a practical farmer all my life, and in early times I used to raise the best wheat in the country, without manure or books either. Do you think that I don't know how to raise wheat!

Science. Will you read it? Prac. Far. No. It is so seldom I read that it is quite a task for me to read a

book. Science. Well, will you listen while I

but I have no objection to hearing you read a little; it won't cost anything, will it?

Science. If you will listen attentively, I will read you a few lines with pleasure. From each acre yielding twentyfive bushels of wheat, there is extracted from the soil, in the grain, 3.3 pounds of potash, and in straw, 0.6 of a pound."

Prac. Far. What! does wheat contain

soil, in the grain, 3.5 pounds of lime, and silicates, sulphates, and phosphates of pot- works, and alas deeds which she did. in the straw, 0.9 pounds.

da too!

pounds.

* Nove. The weights here given are in pounds and decimal fractions, thus: 3.3 is three pounds and three-tenths of a pound. It may also be remarked, that the language here used is not taken from the book alluded to by the writer; only the substance is obtained therefrom.

copie putting lime on their land, but I marked that ushes were useful, nown up we, after her morning arrangements, she | pations of agricultural life, are not incon- | grosning, nighting, or motion whatever, but

Prac. Far. Why, I have heard it said a mind to try it.

six pounds of silica, and in the straw eigh- thy growth of all cultivated plants.

on earth is pilica? Science. The book says it is the sub-

stance of flint or pure sand. Prac. Far. What! the substance of flint or sand in wheat? Pray, Mr. Science, how does it get there?

Science. You know that sand can be melted, as is done in the manufacture of glass, by the application of heat with soda and other chemical substances; and this book tells us that it becomes soluble in wait is taken up by the roots of the plants.

component elements of wheat. One acre of wheat yielding twenty-five soil, without making any recompense, this bushels, also contains, in the grain, three for farmers, I should think. What is the for feeding, for raising the scending sun robing himself in burn shed to Montgomery, there are not less than spontaneous food, which nature has pro-quarters of a pound of sulphuric acid, and price of it? I will milk stock, the piggery, the poultry vard, clouds, as if these were the gathering gloin the straw, one pound.

Prac. Far. Why, that is the oil of vitriol, isn't it?

and put my land in first-rate order before in the grain, 0.15 of a pound of chlorine, "Very well," says science, "this is all all, and you must remember these are in-right, so far as it goes, and I grant one in organic substances, such as do not grow and in the straw 0.9 of a pound. This is verse proportion, that there shall be one in of these organic substances taken from one extracted from the soil. The total amount

> Prac. Far. Well, I declare I did not or was put there by the farmer.

land, your wheat all went to straw, which was so weak that it fell down flat on the ground, and had no berry in the heads; and when you sowed your seed without manure, if was struck with the rust, and the grain shrivelled, so that you got no more than half a crop. Now you see that you did no know before, and which perhaps you never would have found out by

Prac. Far. Well, if the wheat crop contains all these substances, and they are all extracted from the soil, how are we practical farmers to know when they are not all we to obtain all this potash, and soda, and

lime, and flint, and sulphuric acid? Science. The failure of your wheat crop for a series of years is pretty good evidence in the soil, but it will not decide which. the foregoing substances may be wanting, nevertheless, by the nature of the disease like a bright halo, seemed to incircle the and not able to stand erect, it may be certain realized. that the alkalies are wanting to produce Prac. Far. I have not time to stay leng, their silicates which are deposited in the scribed? A mere statue, to adorn a gallecess you must procure and apply to the land, which will supply the ingredients contained in the wheat plant.

thing more about these matters.

ed with the soil it will supply the greator their common equality in the presence of and many other examples which have hage, say nearly an ounce of blood. I was is not once mentioned in the Rible. The

ful to vegetation.

read all of these to you now.

certainly have to get me one.

Extract from Colman's Agricultural Tour.

PENCIL SKETCHES. I must claim the indulgence of my rea

I had no sooner, the n, entered the house, from the eyes, and purest gems that ever glittered in a princely diadem. In person. in education and improvement, in quickthat some of these substances are wanting ness of perception, in facility and elegance of expression, in accomplishments and The only way to determine which one of taste, in frankness and gentleness of manners, tempered by a modesty which couris to call in the aid of science, and have a ted confidence and in-pired respect, and correct analysis of the soil made. But, in a high moral tone and sentiment, which, that effects the crops, we may be able to whole person,-I confess the fictions of

But who was the person I have destem, to give it strength and firmness. ry of sculpture? a bird of paradise, to be This book, however, will tell what substan- kept in a glass case? a mere doil, with painted cheeks, to be dressed with childish fondness? a mere human toy, to languish over a remance, or figure in a qua-Prac. Far. I should like to hear some- drille? Far otherwise: she was a woman in all the noble attributes which should Science. This book gives an account of dignify that name; a wife, a anther, a the component ingredients of wood ashes. house keeper, a farmer, a gardener, a dairy

Pric. Far. I have heard it easually re- mercy. She was then kind enough to tell liarny with, even the most humble occu- slightest symtoms of pain, either by any mentioned. Boston Palladium.

never thought enough of it to try it mynelf.

Science. The twenty-five bushels of
wheat also take from the soil; in the grain,

book tell anything about the action of lime?

Substitute of the day. She first showtaste, the mest improved, cultivation of
strike me very forcibly. But does your moster, she deemed her brightest jews!-,
the mind, and elegance, and dignity of
the mind, and therefore it did not elegance, and dignity of
the mind, and therefore it did not elegance, and dignity of
the mind, and the mind are the mind and the mind are the mind and the mind are the 1.6 pounds of magnesia, and in the atraw, I feel somewhat anxious to know this, for for the d-v. She then took me two or three of socie y.

I have limestone on my farm, and I have miles on foot to visit a sick seegibor, and.

To live in the country, and enjoy all blood begon to run down the faucts, there singular, and therefore would not be des solely from a kind desire to gravify a cu- temple all instinct with the presence of solution of Congress, by similar means know that wheat had so many things in it. teeted, I should not relate it. I know riosity on my part, which, I hope, under the Divinity, and to feel, amides all this, can she be put out? In our siew, all the to give them enough to keep them alive, I always thought that wheat grew out of very well, as soon as I return to my na. such circumstances, was not unreasonable. the brain growing dizzy with wonder, and breath expended on such a cry would be and to cause the animals to thrive and in- the ground, and got its food from the very well, as soon as I return to my nath the heart swelling with an adoration and spent in vain. Very many who ardendy the found, and got its food from the very tive land, if Heaven has that happiness A short four after this brought us into the heart swelling with an adoration and spent in vain. crease, and at the same time we avoid getable manure that was contained in it, yet in store for me, a de zen of my charming friends,-God bless them!-with their summoned us, and this same lady was rance;-this it is love the country, and to plete, will now acquiesce, deeming the Science. Well, friend, you knew be- bright eyes, and their gentle entreaties, found presiding over a brilliant circle of make it, not the home of the person only, consummation of that measure less inju-"After all the pains I take," says the fore, by sad experience, that vegetable ma- will be pressing me for a disclosure; I tell the highest rank and fashion, with an ease, but of the soul. nure alone would not raise wheat; for you them beforehand, I am par optied in a elegance, wit, and intell gence, and good say that when you put manure on your stern philosophy, I shall remain immor. humor, with a kind attention to every one's wants, and an unaffected concern for every one's comfort, which would where my visit had been expected, than I lead one to suppose that was her only and testimony of Dr. Wheelock, an unwilling was met with an unaffected cordiality peculiar sphere. Now, I will not say witness, to the removal of a polypus from which at once made me at home. In the how many mud-puddles we had waded the nose of a patient without any signs of lormally ratified, cannot be rescinded by midst of gilded halls and liveried servants, through, and how many dung-heaps we pain. The patient, (Dr. W. says.) " came one or the other party at will. It may be of dazzling lamps, and gli tering mirrors, had crossed, and what places we explored, from Monwille, fourteen miles distant, true that Congress transcended its powers It is uscless for me to try to raise wheat on this book has told you some things that redoubling the highest unumples of arrand and how every farming topic was discustaste; in the midst of books, and clatters, sed; but I will say, that she pursued her operate. She was a very respectable ized annexation, but that must be deterand all the elegancies and refinements of object without any of that fartidionsness woman, of mild disposition and manners, mined, if at all, by the Supreme Court. your own efforts, without calling in the aid laxury; in the midst of titles, and effected delicacy which pass with of considerable energy and activity, fair la the mean time Texas must be considerable energy and activity, fair and ranks, alised to regal grandeur, -there some persons for refinement, but which complexion, about twenty-four years of ered an integral part of the United States, was one object which transcerded and in many cases indica e a weak if not age, married, had one child, was a person and treated as such. If the bargain is a eclapsed them all, and showed how much a corrupt mind. The mind which is oc- of good constitution, and to every appear- hard one, we must make the best of it we the nobility of character surpassed the cupied with concerns and subjects that ance healthy at the time. That tumor was can. But that does not preclude us from nobility of rank, the beauty of refined and are worthy to occupy it, thinks very little of an oblong-form, largely attached base, exposing the motives by which the act present in the soil? and above all, how are simple manners all the adornments of art, of accessaries which are of no importance. probably half an inch in its smallest diameand the scinulistions of the soul, beaming I will say, to credit of English women, - ter, and had been there three months. The that it seems impossible that there should average of cases within my experience, exist a more delicate sense of propriety and so firmly adherent that in removing than is found universally among them; it I was obliged to tear it away in pieces.

> elevate him shove the brute creation. part of the substance of wheat. Did you their common Father, and to acknowledge come under my observation emphatically operating four or five minutes at least. Dur word "Predestinate" is mentioned twice, ever think of this before!

while performing this act of Lindorse, left it pleasures, we should love the country. was a slight, rough, ratiling sound of the that magnesia is injurious to crops, and Science. Yes, this book gives an inter me to visit some of the country is to take an interest breathing. One of the by-standers said, that when farmers apply lime to their resting account of the beneficial action of estite, whose immores I found loud in the in all that belongs to the country—its ocand they should be careful to use that lime upon soils, and sums up its conclu- presses of her kindness and benefactions. espations, its sports, its cul use, and its hawked and spit repeatedly; when sho which does not contain magnesia. But sions as follows:

Our next excursion was to see some of the go on; is there any thing else in wheat? "Lime improves the quality of almost fines, and most aged trees in trees and its rocks, its valleys and hills. wouth. In about ten minutes after, size I can't stay much longer. "Lime improves the quality of almost fines, and most aged trees in trees and its rocks, its valleys and hills. wouth. In about ten minutes after, size the park, the size of which was truly magni-Science. In an acre of wheat, yielding "It supplies a kind of inorganic food, ficent; and I sympath ized in the veneration around u., and to feed them uith our own scious that any thing had been done; comtwenty-five bushels, there is in the grain which appears to be necessary to the heal- which she expressed for them, which was hands; to make the birds our friends, and plained of no pain, and found that she could like that with which one recalls the illus- to call them all by their names; to wear now breathe freely though her nose, that Prac. Far. Now I am stumped! What a carth is silica?

"It neutralizes acid substances, which troops moments of a tensore progenitor. a chaplet of roses as if they were a princeare naturally found in the soil, and decomOur next visit was to the greenhouses and ly diadem; to rose over the verdant fields
poses, or renders harmless, other noxious the gardene; and she explained to me the with a higher pleasure than we should

ALBERT T. WHEELOCK, M. D. compounds, which are not unfrequently more adopted there of managing the most tread the carpeted halls of regal courts; to within the reach of plants. delicate plants, and of cult vating, in the inhale the fresh air of the moraing as if "It changes the inert vegetable matter most economical and successful manner, it were the sweet breath of infancy; to A Fine Harbor Discovered on the in the soil, so as gradually to render it use- the fruits of a warmer region. From the brush the dew from the glittering fields Georgia Coast .- A letter from Captain garden we proceeded to the cultivated as if our path were strewed with diamonds; Fatio, of the revenue cutter Crawford, Prac. Far. It appears, then, that lime is fields; and she informed me of the system to hold converse with the trees of the to the editor of the Savannah Republiuseful to vegetation in other respects than of husbandry pursued on the es ate, the re- forest, in their youth and in their decay, ean, states that he had discovered a harin furnishing this ingredient to the plant. tation of crops, the management and ap- as of they could tell us the history of their bor within thirteen miles of Savannah. Science. There are a variety of other pleasion of manures, the amount of seed own times, and as if the gearled bark of having great advantages for a Southern substances described in this book, which sown the ordinary yield, and the approter, by the aid of the potash and soda be-fore mentioned; and when thus dissolved, ameliorating the soil and in furnishing spe- detail of the amount of the expenses and who planted them, and those who early of water over the bar at low tide, is twencific substances to the growing crops. But results. She then undertook to show me gathered their fruits; to find hope and joy ty one feet; and for a distance of five it will detain you too long, I am afraid, to the yards, and offices, and byres, the fied-bursting like a flord upon our hearts, as miles above the bar, along the harbor. Prac. Far. That must be a good book ing and managing the manure, the eastern horizon; to see the de- fathoms. From this point, ten miles, the stables, the harness-rooms, the imple- the of the divine harne; to find in the point. The lower harbor, according to Science. It may be had at most of the ment-rooms, the dairy. She explained clear evening of winter our chambers stud- Captain Fatio, is protected on all sides bookstores in the State, for a few shilt to me the process of waking the different ded with the counters gems of living light; from wind and storm, and the country Science. There is also taken from the lings; and the title of it is Lectures on kinds of cheese, and the general manage. to feel that we are never less alone; to around abounds with live oak, cedar and "I do feed my crops," says the practi- soil, by twenty-five bushels of wheat, in Agricultural Chemistry and Geology, by ment of the milk, and the mode of feeding make even the stillness and solitade of the the stock; and then, confucting me into country eloquent; and above all the beau- cultivation, to build navies for our counthe binlift's house, she exhibited to me the ty of every object which presents itself to try for centuries. Montgomery, says Cap-Farm Journal, and the whole systems ic our senses, and in the unbought provision tain F. is the point where the French Admode of keeping the accounts and making which sustains, and comforts, and fills miral chose in the Revolution to land his the returns, with which she seemed as with joy, the countless multitudes of lise troops under cover of his frigates, and ders, if I give them a sketch of a visit in familiar as if they were the accounts of ing existences which people the land, the suggests that, in another war, our encthe country, so instructive, so bright, so her own ward ote. This did not finish water, the air, every where to repletion, mies might land there, unless the Govcheerful, that nothing but the absolute our grand true; for, on my return, she ad- to see the radiant tokens of an infinite and ernment adopts some measures for its debreaking up of the mind can ever oblice mitted me into her boudoir, and showed inexhaustible beneficience, as they roll by fence. Captain F. urges that it be se-"But, Mr. Practical Farmer, there is bushels of wheat, and including the straw, from my inagination. I know my fair housewifery, in the exact accounts which another matter connected with feeding as it is usually cut by the cradle, is one your crops, that I wish to press upon hundred and twenty pounds. Three hundred and twenty pounds. Three hundred and twenty pounds. Three hundred will be dairy and the market, the table, the dairy and the market from the advances, holds ment. your attention, which is this: it is as fourths of this is ailien, which is rendered feel on interest in it; and if I have any under the servents' hall. At timus the fourths of this is ailien, which is rendered feel on interest in it; and if I have any under the servents' hall. At timus the servents that the servents the servents that the servents the servents the servents that the servents that the servents t important to feed your crops with the soluble by the alkalies, potash, soda, and fair readers. I beg them at once to turn this was done with a frankness which inglisdistance und minished, and with the no name, and point to no place; and if I of any extraordinery merit in her own de us, whose depths to human imagination to raise the ery of rescinu. Interpute. did not know the example was slingether portment, and which evidently sprang can fathom; to perceive this glorious says he, as Texas comes in by a joint re-

Singular Operation without

The Boston Medical Journal records the I speak of course of the upper classes,- base was larger proportionally than the and yet you will perceive at once that I had laid out my instruments and was their good sense teaches them that true about proceeding in the operation when the effects of a snake bite received sixteen delicacy is much more an element of the she proposed to be magnetized if it was hours previous. He was in the water, mind, in the person who speaks or ob- possible, as she dreaded the pain that fishing, when he was bitten. The snake serves, than an attribute of the subject would have to be borne; and, as she was a water moccasin. which is spoken about or observed. A was entirely unacquainted in town, at friend told me that Cannva assured them her request I procured the attendance of Singular,-The name " Lord's is found judge more correctly of the substance that poetry became substantial; and the beau that in modelling the wenderful statue of a gen leman who had the reputation of be 6962 times in the Old Testament. The may be wanting. When the straw is weak, ideal of my youthful immagination was the Three Graces, from real life, he never ing a good magnetizer, Mr. P. P. Quim- name of "God" is found 2775 times. The was at any time conscious of an improper by, although entirely faithless on my own name of "Jesus" occurs 925 times in the emotion or thought, and if any man can part, as I told her at the time, as well as New Testament. The name "Christ," look at this splendid production, this af- others before, who had asked what I 555 times. The word "Selah" is met feeting embodiment of a genius almost thought of animal magnetism. I am quite with 74 times in the Bible. The word creative and divine, with any other emo- confident that the lady and Mr. Quimby "Eternity" but once. The double asseion than that of the most profound and had never met before, and that there was veration "verily," is to be seen 25 respectful admiration, he may well tremble nothing previously concerted. I am also times in John's Gospel, and no where for the utter corruption within him, of that confident that she took no medicine to in- else. There are 314 interrogations (?) in moral nature which God designed should duce stupor. In ten minutes after the com- Job. The phrase, "and God said," ocmencing she put into a state of apparent. cures 10 times in the first chapter of Ge-LIFE IN THE COUNTRY .- Now, I do by natural sleep, sisting upright in her nesis. The name "Jesus" and "Christ" not say that the lady to whom I referred chair, breathing and pulse natural, color are neither of them in the 3d Epistle of was lerself manager of the farm; that of countenance unchanged. We then John. 'The word "Forcordained" is bushels of wheat will also take from the bushes of wheat will be bushes of wheat will also take from the bushes of wheat will be bushes of which will be bushed by the bushes of which will be bushes of which have intended simply to show how grate- where she happened to be sitting, to a Peter, i. 20. The word "Perseverance" ash, soda, lime, and magnesia, with certain In the morning, I first met her at pray- ful and gravifying to him must have been window for the light. Mr. Q asked her is mentioned but once in the Bible-Eph. Prac. Far. Ah! does wheat contain so- other substances present in smaller quantity, yet more or less necessary, it may be is scarcely a family famong the hundreds she took in concerns which necessarily yes. I immediately (in the presence of tioned but once in the New Testament. presumed to vegetable growth." "But they whose hospitality I have shared, where so much engaged his time and attention; several of our most not decitizens, who The word "Election" but six times in so take from the soil, in the grain, 1.5 contain a greater or less quantity of imperpounds of lime, and in the straw, 7,2 feetly burned carbonaceous matter," or the services of family worship; and the that duliness and ennui, so often complaincharcoal. Here you will perceive that master and the servant, the parent and ed of as inseparable from it, when a cor-Prac. Far. Oh yes! I have heard of you have nearly all the substances, at the child, the teacher and the taught, the dial and practical interest is taken in the tril repeatedly with the forceps, so as to Grace." The words "Eternal Life" are once, of which the wheat plant consists. friend and the stranger, come together to concerns which necessarily belong to ru-It would seem, then, that if ashes be mix- recognise and strengthen the sense of ral life. I meant also to show—as this ing fragments. There was some hemorr- Daniel xii. 2. The word " Predestination"

Belfast, (Me.) April 19, 1845.

rious than would be the effort to thrust Texas out; and, beside, we are estopped from any such effort. A cardinal principle of the Whigs is the inviolability of contracts. Texas comes in, if at all, by virtue of a contract between her and the United States, and such contract, when

Buffalo Com. Advertiser.

DEATH FROM THE BITE OF A SNAKE. Mr. Geo. W. Frederick died at Greensborough, Alabama, on the 9th ult., from