THE INDEPENDENT FARMER.

BY W. W. FOSDICK.

Let sailors sing the windy deep, Let soldiers praise their armor, But in my heart this toast I'll keep-The Independent Farmer. When first the rose, in robe of green, Unfolds its crimson lining, And 'round his cottage porch is seen The honeysuckle twining, When banks of bloom their sweetness yield, To bees that gather honey, He drives his team across the field,

The blackbird clucks behind the plow, The quail pipes loud and clearly; You orchard kides behind its bough The home he loves so dearly; The gray old barn, whose doors unfold His ample store in measure, More rich than heaps of hoarded gold, A precious blessed treasure: But yonder in the porch she stands, His wife, the lovely charmer, The sweetest rose of all his lands: The Independent Farmer.

Where skies are soft and sunny.

To him the Spring comes dancing gay, To him the Summer blushes, The Autumn shines with mellow ray, His sleep, old Winter hushes; He cares not how the world may move, No doubts or fears confound him, His little flock are linked in love, And household angels 'round him; He trusts in God and loves his wife, Nor grief, nor ill may harm her, He's nature's nobleman in life-The Independent Farmer.

[From the Farmers' Note-Book in the Journal of Agriculture.1

Management of Dairies.

It is thought by some that the dairy business can never be made to "pay" in this arid, moun- are also allowed two feeds of steamed mixture. was calculated to be equivalent to upward of transmission of mail matter, especially to this tainous region. That there are obstacles to be overcome that do not exist in countries receive steam food ad libitum three times per root, the meal of rye, oats, and buckwheat, where "the former and the latter rains" come day. After each meal, cabbages are given, linseed-cake, rape-cape, and the dust of wheat ceive the thanks of all his present patrons and in their season, where irrigation is unknown and where luxuriant meadows and choice blooded cows abound-we have no doubt; at being limited to 30 or 35 lbs. per day for each None of it was cooked, and the beet-root was the same time, we are equally well satisfied that, by judicious management, a profitable dairy might be established here.

The following on the modes of conducting dairies in Scotland and Ireland, contains valuable data for all interested in the profitable management of cows:

Sir John Sinclair has stated that "it is supposed that the same quantity of herbage that would add 224 lbs. to the weight of an ox the materials are moistened and blended towould produce 9000 English gallons of milk." Now, if we reckon 6 oz. of butter to be the average weight obtained from a gallon of milk, attendant is allowed 1 lb. to 11-2 lbs. of beanwe will get 337 lbs. of butter from the same meal per cow, according to circumstances, duce 224 lbs. of beef. If the hypothesis of Sir proportion to the yield of milk, those in full of every practical farmer: J. Sinclair be correct, there can be no doubt milk getting 2 lbs. each per day, others but that it is the interest of the farmer to adopt little; it is dry, and mixed with the steamed the dairy system in preference to the feeding | food, on its being dealt out separately." This of cattle. But even granting that the differ- is certainly high feeding, but it is amply reence between the production of beef and butter | paid by the results, for, while cows fed in the is not so great as stated by him, yet it is gen- ordinary way seldom produce milk which nured. erally admitted that there is a considerable margin in favor of butter, particularly when we take into account the relative price of the for every quart. two at the present time.

ted, we may inquire shortly as to what kind of feeding is best adapted for producing the larg- essential to a large yield of milk. There can est yield of butter. Akon, in his Agriculture be no doubt of the soundness of this opinion. good farmer. of Ayrshire, published about the beginning of A cow low in condition can not give the same this century, tells us that the winter food of the dairy stock at that time was the straw of oats, or, toward the muirish parts of the country, the hay of bog meadows, frequently but | cow is put on rich food, it is some weeks beill preserved. "For a few weeks after they fore the full benefit of the food can be obtained calved, they were allowed some weak corn in milk, for the reason stated above. and chaff, boiled, with infusions of hay; and by way of luxury, a morsel of rye-grass or leahay once every day; and of late years, by some farmers, a small quantity of turnips in the early part of the winter, and a few potatoes ficiency in the supply of this will be attended in the spring, have been added."

The effect of such feeding on the animals is ution in the quality of the milk. apparent when they are turned out on the grass in summer; "many of them are so dried an ingredient in any wixture of food for milk up and emaciated that they appear like the ghosts of cows, their milk vessels are dried up, and it is not till they have been several fall's mixture. Some time ago we came upon weeks on the grass that they give either much | the following extract, we believe from the milk or that of a rich quality." The summer feeding was generally pasture; and though a able hints as to the use of different substances much better system of feeding has been prac- in the feeding of milk cows: ticed throughout the country since the introduction of turnip husbandry, yet an approxi- in Stephens, a difference of opinion exists as to to haul out manure, spread it liberally over be called for in June, it will be necessary to mation to that described by Mr. Aiton will be the comparative fattening qualities of linseed- that portion of the land devoted to fruit trees give in the crops gathered this year, and the found in some of the upland districts.

of food from which they can make a selection; 1853, 1 lb. of beans is said to be equal in fatand the problem to be solved now is not how tening qualities to 30 lbs. of turnips, and near- ing with the roots. a sufficiency of one particular kind of food is ly 3 lbs. of oat-meal. I tried the bean-meal life for a considerable period of the year, but for each milk cow, with mangel, turnip and rather what variety of food, or, better, what hay. By February one of them was fat, but I mixture of varieties, how much, and in what may say dry; and the others with about half trees. state (raw or cooked), will prove most profit- the quantity of milk they had when commenc-

ever, there has been a great improvement in and turned out full better the following sumthe feeding of the cows, from the use of tur- mer. I tried the same quantity of yellow Innips and other roots, as well as many other | dian meal last winter, and I think it good for substances, such as beans, draff or distillers' both milk and butter. I tried bran for three and brewers' grains, linseed and rape cake, winters, at the rate of 4 lbs. every night for us, nor are we aware that any of the subscribetc. Even now in summer, in some districts, each cow. It was equal to the oatmeal, while ers in Utah have received it. it is found advisable and profitable, where but- using, and my cows turned out better the folter is wanted more than milk, to give the cows lowing summer than on any other feeding. some nourishing food, in addition to the pas- The bran not only keeps them healthy, and periodical, wishes to have his volumes comture, at the very height of the season. Draff gives them a greater relish for their food, but plete, and, from the fact that each number of generally used in such circumstances.

If the production of butter is to be the main to it." object of keeping a dairy, there are two things The state in which the food is given has subscribers at this distance lose a number, to which the farmer should pay particular also a great effect in the production of both it can and will be supplied upon application to attention: the kind of cows he keeps, and the milk and butter. We have observed more than Orange Judd, A.M., editor and proprietor of feeding. When we speak of the feeding, we once that the yield of butter and milk is never the American Agriculturist, New York City. mean not merely the quality of food the farmer so great when we give cows boiled turnips, the same quantity of milk than those grown raw with them. Again, there is more milk, on others. We have known cattle fed on tur- and no taste of the turnip in it, when the turnips alone from particular farms made fat in nips are pulped and mixed with cut straw or plates to print from whenever needed." nips with the addition of two or three pounds of turnips are given whole and raw. of linseed cake each per day, the treatment In the Journal d'Agricultural Pratique we and housing of the animals being alike in both | read a short notice on this subject, by M. Lecases.

of butter to the milk than others on the same are not to be regarded as experiments instifarm. A farmer, therefore, should be guided, tuted to test any theory, but are merely exnot only by the locality, but by the farm, in tracted from his accounts, and show the im- papers or magazines as are high-toned and determining what department of the dairy he portance of attending to the mode in which from which they will be most likely to derive

should turn his attention to. kind of cow most profitable for a butter dairy, ment. The cows were fed in the following we pass on to a consideration of the kinds of manner: Each cow got per day 4.4 lbs. of possible, the regular receipt of the numbers. food that may be used most profitably for the meadow hay, 13.2 lbs. straw, 4.8 lbs. linseedproduction of butter. The great authority on meal, 11.5 lbs. of beet-root, and a cooked where money has been paid here on subscripthis subject is Mr. Horsfall, who has laid the mash consisting of 5.5 lbs. of turnips, 2.7 lbs. public under great obligations to himself for of beet-root, 1.2 lbs. linseed-meal, 3-2 lbs. of the publication of his experiments and views rape-cake, 1.1 lb. of grain dust, 1.1 lb. of on this interesting question. His method of mixed meal, about 1 1-2 oz. of salt, and 6 gal- is that, either the money has not been forfeeding is the following:

ture near the homestead. Toward evening of which gave 1 lb. of butter. they are housed for the night, when they are | In the month of February, 1856, the calcusupplied with a mess of a steamed mixture, to lation was made from the milk of ten cows, Utah subscribers with such number or numbe afterward described, and a little hay each eight of which were those with which the ob- bers as may be lost or miscarried, through the morning and evening. During June, mown servations were made in the previous year. grass is given to them instead of hay, and they The nutritive value of the food detailed above This treatment is continued till October, when 30 lbs. of good meadow hay per head. The locality, the Agriculturist will be still more they are again wholly housed. After this they food given in 1856 consisted of oat-straw, beetfrom October till December; kohl-rabi till or bran, given in such proportions as to make be at least partially remunerated therefor by February; and mangels till grass-time-the the equivalent value of the day's feed equal an increased subscription list. supply of each of these varieties of green food to a little more than 31 lbs. per head of hay. cow. Four lbs. of meadow hay are also al- reduced to small pieces and sprinkled over the lowed after each meal, or 12 lbs. per day for meal. There was not the same quantity of each cow, and water is placed before them milk, but the proportion of butter was much can Agriculturist for October, are worthy the twice a day, of which they partake as much larger, being 2 lbs. of butter for every 20 as they feel inclined for.

cow, mixed with a sufficient quantity of bean- cows in 1855 than in 1856. straw, oat-straw, and shells of oats, in equal proportions, to supply them three times a day with as much as they will eat. The whole of given to the animals in a warm state. The yields more than 1 oz. of butter to every quart, Mr. Horsfall's milk gives upward of 11-2 oz.

It is also an important part of his system The importance of the subject being admit- never to allow his cows to fall off in condition. He considers the maintenance of the condition it. All the better with a subsoil plow. of the food is drawn off to make up the condition of the animal. And when a very lean

> Another useful deduction made by Mr. Horsfall from his experiments is, that albuminous matter is the most essential element in the food of the milk cow, and that any dewith loss of condition, and a consequent dimin-

> In Scotland, bran is not very often used as cows; but it will be seen from the foregoing that it forms an important part of Mr. Hors-Irish Farmers' Gazette, which gives some valu-

"In reading over the experiments on feeding Farmers have now, however, a great variety of the Larne National Agricultural School for taken to avoid, as much as possible, interferable for the production of butter. | ing. I tried oatmeal for two winters, the same The mainstay of the dairy farmer now as quantity in the same way, and each cow gave ty, Pa., for \$10 each. Cause-drouth and formerly in summer is grass; in winter, how-three times the quantity of milk and butter, scarcity of grass.

and bean meal are the two substances more there is some combination of qualities in it the Agriculturist is stereotyped, we presume beyond what any writer I have seen attributes

the same time as similar animals fed on tur- chaff and fermented, than if the same weight

jeune, a director of the Agricultural School at Certain fields will give a larger proportion Thourout, in Belgium. The facts he reports from this isolated locality, for eastern publifood is given to milk cows. In February, 1855, the information, profit or pleasure desired. Without referring at all, at present, to the the milk of eight cows was selected for experilons of water. From this very watery diet a warded, or it has not reached its destination. In May, his cows are turned out on rich pas- large quantity of milk was obtained, 16 quarts

quarts of milk. The cows, with the exception The steamed food spoken of above consists of the food, were managed in the same way in growing up around them: of "5 lbs. of rape cake, 2 lbs. of bran, for each | both years, and there were more newly-calved |

Adopt it, Every Farmer!

H. W. Beecher, who, next to the worship of

"We believe in small farms and thorough cultivation.

We believe that the soil loves to eat as well as its owner, and ought, therefore, to be ma-We believe in large crops, which leave the

land better than they found it-making both the farmer and the farm rich at once. We believe in going to the bottom of things.

and, therefore, in deep plowing and enough of We believe that every farm should own a

We believe that the best fertilizer of any soil

quantity of milk, as much of the nourishment is a spirit of industry, enterprise and intelligence-without this, lime and gypsum, bones and green manure, marl and guano, will be of

We believe in good fences, good barns, good farm houses, good stock, good orchards and children enough to gather the fruit.

We believe in a clean kitchen, a neat wife in it, a spinning piano, a clean cupboard, a clean dairy and a clean conscience.

We firmly disbelieve in farmers that will

Enrich the Soil of your orchards. The late

to be gathered together to keep the cows in one season, at the rate of 3 lbs. a day, boiled, with a spade-fork and well-rotted manure and the gross amount, will be required. The worked in, with profit, especially to young

> ~~~~~ Cows have been sold, this fall, in Erie coun-

The American Agriculturist for October was received per Eastern mail of the 25th of October. The September number did not come to

A farmer who properly values this excellent that, although no such obligation exists, where purchases, but of what is grown on his farm. with beans boiled quite soft among them, as In the June number it is stated that, "When-It is well known that the grass and turnips on when they get the boiled turnips and the same ever it is desired, we can always send back some farms will produce far more butter from weight of beans made into meal and mixed numbers from the beginning of the present or previous two-volumes, as we keep stereotype

We make the above remarks and quotation for the especial benefit of all Utah subscribers to the American Agriculturist.

Farmers, and others, who forward money cations, should in the first place select such The next desideratum is to secure, so far as

We have been informed of many instances tions to eastern periodicals, but, those periodicals having never been received, the inference

Should the editor of the American Agriculturist signify his willingness to re-furnish his uncertainty which sometimes attends the highly prized and, we doubt not, he will re-

Give the Boys a Chance.

The following suggestions, from the Americonsideration of all farmers who have sons

"One of the surest methods of attaching a boy to the farm, is to let him have something upon it for his own. Give him a small plot of ground to cultivate, allowing him the proceeds for his own use. Let him have his steers to break, or his sheep to care for. The ownergather, and, after being well steamed, are God, (after his hearty but peculiar fashion) ship of even a fruit tree, planted, pruned, and delights in the life of a farmer and in the ad- brought to bearing by his own hands, will invancement of agriculture as a science, com- spire him with an interest that no mere reward or wages can give. In addition to the cultivaquantity of herbage as was supposed to pro- which he is charged to give to each cow in mends the following creed to the consideration tion of a taste for farm life, which such a course will cultivate, the practical knowledge gained by the boy will be of the highest value. Being interested, he will be more observant, and will thoroughly learn whatever is necessary for his success. Another and equally important advantage will be the accustoming him early to feel responsibility. Many young men, though well acquainted with all the manual operations of the farm, fail utterly when entrusted with the management of an estate, from want of experience in planning for themselves. It is much better that responsibility should be gradually assumed, than that a young man should be first thrown upon himself on attaining his majority."

"Get Ready for the Census Man."

Under the above caption, the editor of the American Agriculturist gives a timely warning to farmers throughout the Union, to be prepared to furnish accurate and concise statements of their operations during the past season. He says:

"Next year will occur the great decennial not improve; in farms that grow poorer every Census of the United States, made by the year; in starveling cattle; in farmers' boys General Government. Persons will be appointturning into clerks and merchants, in farmers' ed for every locality in the States and Terridaughters unwilling to work, and in all farm- tories to gather statistics of the inhabitants, ers ashamed of their vocation, or who drink and of all the agricultural productions, manuwhisky until honest men are ashamed of factures, etc. Every cultivator will be asked for a concise, accurate statement of the land occupied by him, the number of acres and the amount of each crop raised during the year rains have put the ground in good condition ending next June, etc. Those who were called for fall plowing, and should there be a week upon in 1850 doubtless remember the difficulty or two of favorable weather, it will pay well experienced in making up an accurate report of the various crops. As these reports will cake, bean and other meal; and in the Report and plow it under immediately-care being suggestion we would now make is, that cultivators write down, while fresh in mind, the number of acres under cultivation, including the wheat, etc., already gathered. The num-The soil adjoining the trees may be loosened ber of acres of each kind, the amount per acre, milk products also, and the amount of pork, beef, etc., will all be asked for."

By a little calculation, now, our farmers will be prepared to impart the desired information when required and with all necessary

acsaracy.