From June to October they are supplied be regarded as a fair average of those underligenerally their crop of tares by the middle having a less, quantity of the steamed mix-ling to its yield of milk.

April Wheat.—Mr. Iltid Thomas, of ture during June, July, and the early part My cows, giving 6 quarts to 3 per meal, Hill House, Swansea, favored the Council of August, when the grasses are richer or 12 to 6 per day, and of which I keep nine with his experience of the cultivation of

quantity. in greater quantity than is requisite for their gain in weight from 7 to 8, and some even posed to every wind, at an elevation of some wants, the milk will be weak, having a great as much as 12 and 24lbs. I now think it 500 feet above the level of the sea, where er proportion of water. Turnips given proper to notice what may occur as an ob-life vegetation was severely tried by the acfreely with straw, and more especially brew-jection to the use of rape-cake on dairy pro-tion of the copper and patent fuel smoke of ers' grains, are known to give poor milk, duce—its flavor. Being in a district where that locality. The grain was strongly re-Men of experience in town in dairy prac-wholesome sweet milk, which in the summer lained by the straw, and the wheat, theretice tell me that no food has such an effect months is wholly from grass, is produced, fore, stood wind well. It was sown last in reducing the condition of an animal as and having amongst my purchasers those who year on the 25th April, and on account of brewers' grains, if given freely. They are attach importance to the flavor and quality the unfavorable nature of the season, he had deficient in gluten, a property essential for of their milk and butter, my attention has a very light crop of it, otherwise it would milk, and it is fair to infer that the stores of been particularly directed to insure these have yielded from 32 to 35 bushels per acre. flesh are drawn upon to supply in some de-qualities. With this view, I give roots but He sold the produce at 9s per bushel, and

	Water 87	73.00
	Butter	30-00
	Casein	8-20
	Milk sugar	
	Phosphate of lime	
)) magnasia	4.9
٠.,	iron	07
	Chloride of potassium	1.44
	o sodium	
	Soda in combination with casein	.42

1000.00

From what has been said, the importance of noticing the weight of a cow in milk, with a view to trace the results of food, will be obvious; the cow under observation showed the chair. a remarkable steadiness, having maintained

with mown grass each morning and evening, similar treatment, being singular only in hold- of May.

treatment; many of them are bought as it to all other varieties. He had sown it I now proceed to examine the produce of strippers," giving about three quarts at a this year on the 3rd of May, and in 28 days the cows from the treatment described med. With this yield of milk, which will it had grown to the height of six or seven Milk varies in quantity. If you give cows average about seven quarts per day, they, inches. The land was a miserable, bottom-highly succulent food which supplies water without exception, when free from ailment, less gravel in the coal-basin, very much exgree this deficiency. If you give proper sparingly (koh!) during the early part of for seed at 10s. He had found clover to food containing less of water than is needed, winter, till the close of February, from succeed very well with it. He did not the animals will take water in addition to the thence till May. Mangold wurzel, not more think it more exhausting than barley; it extent they require. The milk from cows than 30lbs. per day to each cow. On com- was sown at the same time as barley, with a so treated will be of good quality; an analy-mencing with rape-cake, I was careful to similar yield of crop, and fetched double the sis of such milk shows the following composi-lobserve its effects on the flavor; it was tested price in the market. The bread made from at my own table, and has under gone a like it was brown, but very sweet and agreeable. test by my purchasers. After years of ex-This April wheat was a bearded one, and perience I have no hesitation in saying that he highly recommended it for soils not any objection of this sort is groundless. My good enough for other higher-bred varieties. effect on the taste of the produce.

LAND.

her weight from November to July—33 transmitted a specimen of his early tares sown at the latter end of April, weeks—with an average yield of 14 quarts grown upon his Hill Farm in Dorselshire, at Manures.—Mr. Andrews, of Cornwall, per day. From July to September, with 12 an elevation of 600 feet above the level of transmitted a statement and sample connectsupply which the albumen of 5.70lbs. of Vetches sown several days before them be obtained at fishing villages, by dredging, pear that the bulky food which I have de podding was in Mr. Huxtable's experience dren in collecting the refuse of fishing-boats. scribed has been fully adequate to maintain unrivalled; for, notwithstanding the severe Rick-Machine.-Mr. Lawes submitted the condition of the cow, whilst the casein frosts of the past April, they were in full the model of a machine he had found very of the milk is almost wholly represented by bloom in the first week of May; and he useful in raising hay and corn to the tops of the albuman of the rape-cake of which 4lbs., thought it necessary to point out be im- stacks, and for feeding the threshing-maand of the bran, of which 20s, were given portance of a crop which would be available thines with sheaves. It was similar in its per day. I may be allowed the remark that, ble for sheep feeding in the early spring form and mounting to the common firein my reading on such subjects, I do not Professor Way remarked that great quanti-escape; but having attached, at intervals, recollect to have observed an instance in ties of rain fell upon the high lands in Mr. to an endless revolving web, the rake-work which the relation of cause and effect of food Huxtable's district, and the atmosphere there which carried up aloft the hay or corn reand its results was so clearly defined and ac- was mild but damp. Mr. Baskerville Glegg quired to be stacked- Colonel Challoner counted for. The doing of this cow may stated that in Cheshire the farmers had explained to the Council the very complete

From thence to October they have their full to ten on the average, are not so long under April wheat in South Wales. He preferred dairy produce, milk and butter, maintain the Sir Matthew Ridley referred to the objecrepute of being good in quality and and fia-tion offered by the millers in the north of vor. I feel particularly called upon to no- England against the April wheat, on account tice this, from observing is stated in the re- of its coarseness and thick skin. It was port of a Leipsie agricultural society, that sown in April and yielded well, but it did not the feeding with rape-cake had an unpleasant obtain a good price in the market. Colonel Challoner stated his successful cultivation of the Tatavera wheat, which he sowed very ROYAL AGRICULTURAL SOCIETY OF ENG- early in the year, and found it escape the ordinary ravages to which the wheat crop was liable. Mr. Dent, M. P., alluded to Weekly Council .- Colonel Challoner, in the excellent crops of April wheat grown by Mr. Thompson, of Moat Hall, in York-Early Tares.—The Rev. A. Huxtable shire. His was a bearded wheat, and was

quarts per day, she increased in weight the sea. The seeds furnished to him by ed with his preparation of a manure which 56lbs., being at the rate of 7lbs. per week Mr. W. H. Davis, of Marnhall, near he considered highly lertilising, and at the for the eight weeks. From the above an-Blandford, were sown at the end of the first same time very cheap. Mr. Martin, of alysis, it appears that 34 gallons, equal to week in Oct., and the plants were at least Elgin, communicated suggestions for the col-35lbs. per day, contain of casein 1.69, to one month in advance of other "early" lection of manure from marine animals, to rape-cake will be required; it will thus ap- The maturity of these tares in growth and and by the employment of woman and chil-