

18/12/2017

Plant-based foods could save the UK £ billions says new study

Remarkable scientific findings published in the Journal of Nutrition.

18 December 2017 – £ billions could be saved from the UK’s annual health bill if more people can be persuaded to follow a plant-based diet, according to new research published today in the Journal of Nutrition. Productivity, which remains stubbornly low, would also benefit.

The study looked at the health and economic consequences of two plant-based eating patterns, a diet with a daily portion of soya foods and a Mediterranean-style diet.

The study suggests the British government could reduce its healthcare and societal costs by £5.21 billion if just 10% of the UK population would emphasize plant-based foods in their diet. Cost savings could be as high as £7.54 billion if 10% of the UK population could be encouraged to incorporate soya products in their daily diet.

“Our research demonstrates that increasing plant-based eating is cost-effective, reduces economic costs, such as hospital admissions and doctors’ bills, as well as increasing the number of healthy years people live, and enabling them to continue working,” said Lieven Annemans, professor of health economics at Ghent University, and the lead author of the paper. “Our study has the potential to contribute to the way healthy eating is promoted,” he added.

There are different approaches to plant-based eating, from Mediterranean-type diets through to vegetarian and veganism. Plant-based eating is in line with the latest government dietary guidelines, the Eatwell Guide. In other words, plant-based eating does not have to exclude all animal products, but places plant-based foods such as soya, fruits, vegetables, wholegrains, nuts, seeds and vegetable oils at the core of the diet.

The researchers carried out an extensive review of the scientific literature and concluded that both plant-based and soya eating patterns reduce the risk of diseases such as diabetes, cardiovascular disease, stroke and certain cancers. Diets containing soya demonstrated the most favorable health effects from the two evaluated plant-based food patterns.

The researchers calculated the impact of these plant-based food patterns on ‘quality adjusted life years’ (QALYs), which estimate the number of expected years of good health. To calculate disease costs, a societal perspective was taken, including direct and indirect costs. Direct costs are those directly associated with the disease or related conditions including costs related to diagnosis and treatment. Indirect costs include employment related elements such as absenteeism, and productivity loss due to sickness.

For the UK, a diet containing soya is estimated to yield 159 QALYs and 100 QALYs per 1,000 women and men, respectively. Similarly, adherence to a plant-based Mediterranean-type diet also results in living longer in good health and cost-savings to society.

Professor Ian Rowland, professor in nutrition from Reading University, supported the findings of the new study and commented: “Emphasizing plant-based foods in your diet can help to improve nutrition and meet current dietary recommendations. More plant-based eating helps against a variety of diseases which many people are currently confronted with. In addition to the personal health benefits, it can also help reduce society’s healthcare costs.”



This study provides yet more reasons to eat more plant-based foods and is in line with the UK 'Eatwell guide' which champions plant-based foods for good health and sustainability. It follows a report published by the Sustainable Food Trust in November – The Hidden Cost Of UK Food – which found that poor diets add 37p of healthcare costs to every £1 spent on food.

ENDS

About Alpro:

Alpro is the European pioneer of plant-based food for over 35 years, creating a broad choice of delicious plant-based drinks, alternatives to yoghurt and cream, desserts, margarines and ice cream, made from either non-GM soya, almonds, hazelnuts, cashew, rice, oats or coconut. Alpro products are known under the brands Alpro® and Provamel®.

Alpro, being part of Danone, has its head office in Ghent (Belgium), has more than 1200 employees in Europe and three production facilities in Belgium, France and the United Kingdom. Alpro markets its products in Europe and beyond with majority of its business in Europe and contributes to further growth of plant-based eating. Alpro realized a turnover of 555 million EUR in 2016 and continues its strong growth.

For more information go to www.alpro.com

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