



Fertilization and Phytochemicals in Broccoli and Cauliflower

By Miroslav slosár

LAP Lambert Academic Publishing Nov 2013, 2013. Taschenbuch. Book Condition: Neu. 223x149x15 mm. Neuware - This scientific monograph is focused on the impact of nitrogen and sulphur fertilization to the content of selected phytochemical compounds in broccoli and cauliflower. Nitrogen and sulphur are important elements from aspect of quantity and quality of vegetable yield. Brassica vegetable species (broccoli, cauliflower etc.) are characterized by beneficial chemical composition and content of health-promoting antioxidants, especially glucosinolates (sulforaphane), vitamin C (ascorbic acid) etc. These phytochemicals help to prevent our body against various civilisation diseases - many cancer types, cardiovascular and other health troubles. Nevertheless, we are evidences of lower vegetable consumption in Slovakia. Thus, it is necessary to promote higher vegetable consumption and find ways how we could optimize or increase content of phytochemical compounds in vegetable. Reviewers of scientific monograph: doc. Ing. Ondrej Heged s, PhD., Regional Authority of Public Health in Nitra, Slovakia; RNDr. Tünde Juríková, PhD., Constantine the Philosopher University in Nitra, Slovakia. 128 pp. English.

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