

*Problem:* How to prevent high concentrate nitrates in vegetables?

*Solution:*

The addition of nitrate, in so far as it is related to the type and variety of vegetables, depends to a large extent on fertilization (nitrogen) and climatic conditions. In the absence of light and lower temperatures, the nitrate content is significantly increased. This phenomenon is particularly pronounced in vegetables grown in a protected area. High content of nitrates can be prevented by using ammonia forms of nitrogen fertilizers, ie using slowly degrading fertilizers, and from organic manure. Nitrate collection can be prevented by correct distribution of fertilization, because the adoption of nitrogen is not uniformly during the vegetation period. Excessive use of nitrogen, in addition to increasing production costs, may adversely affect the yield and health of products and lead to pollution of the environment.

*Djordje Vojnovic and Nenad Radinjanin*