

EXPERT OPINION

on the suitability of the organic fertiliser "CAVITA BIOCOMPLEX" for use in vegetables cultivation

The opinion was commissioned by the manufacturer of the organic fertiliser under the name "CAVITA BIOCOMPLEX", i.e. the company CAVITA GROUP Sp. z o.o. The basis for the opinion was the documentation provided by the manufacturer:

- description of the production technology and content,
- report on physical, chemical and biological properties issued by the Institute of Soil Science and Plant Cultivation of the State Research Institute in Puławy,
- opinion of the Institute of Soil Science and Plant Cultivation on the compliance with the quality requirements and requirements for permissible impurities content in the organic fertiliser,
- opinion of the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy on the suitability of the organic fertiliser for use in field crops cultivation,
- draft of the instructions for use and storage of the product.

Name and address of the CAVITA GROUP Sp. z o.o.

manufacturer: 1/101 Krawiecka street ,
50-148 Wrocław

1. Trade name of the fertiliser: "CAVITA BIOCOMPLEX"

2. Type: organic

3. Form: black-brown liquid

4. Assessment of the suitability of the organic fertiliser for use in vegetables cultivation

The organic fertiliser under the name "CAVITA BIOCOMPLEX" is obtained by ultrasonic cavitation of peat suspension in a water milieu under high static pressure. This process ensures high dispersion of peat particles in water.

Commissioned by the manufacturer of the above fertiliser, the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy conducted physical, chemical and microbiological tests (test reports No. 21N77 and 21N77-N of 05.11.2021). The results of those tests and the opinion of the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy (opinion No. NŻN.501.533.2021.JT of 26.11.2021) indicate that the fertiliser meets the quality requirements and the requirements concerning the permissible content of impurities (Journal of Laws No. 119, item 765, with amendments).

The fertiliser contains at least 90% of organic matter and nitrogen (at least 0.08 m/m) and easily assimilable iron (at least 70 mg/kg) in dry mass. These amounts lead to a significant improvement of physical and chemical properties of the soil, and thus better nutrition of vegetables. Application of the subject fertiliser will have affect the growth and yield of vegetables.

Pursuant to § 2 par. 4 point 2 of the Regulation of the Minister of Agriculture and Rural Development of 30.12.2009 on the implementation of certain provisions of the Act on fertilisers and fertilisation (Journal of Laws No. 119, item 765, with amendments), agricultural tests of the subject fertiliser were not required, as the manufacturer's declaration, description of the production technology and results of physical, chemical tests and opinion of the Institute of Soil Science and Plant Cultivation of the State Research Institute in Puławy indicate that the product is manufactured from peat, i.e. material known and widely used in plant cultivation.

Taking the above into account, we conclude that the organic fertiliser under the trade name "CAVITA BIOCOMPLEX" will be useful in the cultivation of vegetables.

5. Information on the effects of the fertiliser on human health, animal health and the environment when properly used

According to the manufacturer's declaration, results of physical, chemical and microbiological tests and the opinion of the Institute of Soil Science and Plant Cultivation of the State Research Institute in Puławy, the fertiliser "CAVITA BIOCOMPLEX" does not contain chemical or microbiological impurities. In view of current legal regulations, the use of the above-mentioned fertiliser in vegetable cultivation according to the instructions for use does not pose any direct or indirect risk to human health, animal health or the environment.

6. Information on the possibility of combined use of the fertiliser with plant protection products

The organic fertiliser "CAVITA BIOCOMPLEX" is not intended to be used in combination with plant protection products.

The opinion was drawn up by:

Head of the unit
Waldemar Kowalczyk, Ph.D.

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Attachment Accepted draft of the instructions for use and storage of the fertiliser under the name "CAVITA BIOCOMPLEX" without remarks.