

RO-132/21

EXPERT OPINION
of the Institute of Horticulture – State Research Institute in Skierniewice on the suitability of the organic fertiliser "CAVITA BIOCOMPLEX" for use in ornamental plants cultivation

The opinion was commissioned directly by the importer of the organic fertiliser, i.e. CAVITA GROUP Sp. z o.o., 1/101 Krawiecka street, 50-148 Wrocław. The basis for the opinion was the documentation provided by the manufacturer: manufacturer's declaration, brief description of the production technology, report on physical, chemical and microbiological tests conducted in the Institute of Soil Science and Plant Cultivation of the State Research Institute in Puławy (test report no. 21N77 of 5.11.2021) and an opinion on the compliance with the quality requirements and requirements for permissible impurities content issued by the Institute of Soil Science and Plant Cultivation - State Research Institute in Puławy of 26.11.2021.

1. Name of the fertiliser: "CAVITA BIOCOMPLEX"

Type of fertiliser: organic fertiliser

Form: liquid

2. Production technology

Organic fertiliser with the trade name "CAVITA BIOCOMPLEX" is manufactured by ultrasonic cavitation of peat-water mixture.

3. Company declaration: CAVITA GROUP Sp. z o.o., 1/101 Krawiecka street, 50-148 Wrocław.

The importer declared the following characteristic indicators for the fertiliser "CAVITA BIOCOMPLEX".

Specification	Values declared by the manufacturer	Minimum requirements specified in § 15 of the Regulation of the Minister of Agriculture and Rural Development of 18 June 2008 (Journal of Laws No. 119, item 765, with amendments) % (m/m)
Nitrogen (N) content [% m/m]	at least 0.08	0.08
Iron (Fe) content [mg/kg dry mass]	at least 70	-
Organic matter [% dry mass]	at least 90	-

4. Assessment of the suitability of the fertiliser for the intended use

Pursuant to § 2 par. 4 point 2 of the Regulation of the Minister of Agriculture and Rural Development of 18 June 2008 on implementation of certain provisions of the Act on fertilisers and fertilisation (Journal of Laws No. 119., item 765, with amendments), agricultural tests of the organic fertiliser "CAVITA BIOCOMPLEX" were not required, as the manufacturer's declaration and description of the production technology showed that the product is manufactured only from raw materials known and used in plant cultivation. "CAVITA BIOCOMPLEX" contains nitrogen and iron in quantities that significantly affect the proper growth and quality of plants. One of the main components of the fertiliser is an organic substance that positively affects the structure of the soil by improving its air-water and sorption properties. Based on the composition of the fertiliser, it should be concluded that it is suitable for the cultivation of ornamental plants throughout the growing season.

Taking the above into account, I conclude that the fertiliser "CAVITA BIOCOMPLEX" can be recommended for the cultivation of ornamental plants in accordance with its instructions for use.

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

The fertiliser under the trade name "CAVITA BIOCOMPLEX" does not pose any direct or indirect risk to human or animal health or the environment when used correctly.

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

The fertiliser under the name "CAVITA BIOCOMPLEX" is not intended to be used in combination with plant protection products and such use is not recommended.

7. Accepted draft of the instructions for use (attached)

I accept the content of the instructions for use and storage of the organic fertiliser under the name "CAVITA BIOCOMPLEX" without remarks.

The opinion was drawn up by

**HEAD OF THE ORNAMENTAL PLANTS
CULTIVATION AND FERTILISATION UNIT**
Jacek Nowak, eng., Ph.D.

**INSTITUTE OF HORTICULTURE
STATE RESEARCH INSTITUTE**
Department of Garden Plants Cultivation and
Fertilisation
Ornamental Plants Cultivation and Fertilisation Unit
96-100 Skierniewice, 15/17 Rybickiego street
Phone 46 834 55 47