System of protective measures for plants using ART on the example of apple cultivation
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Recently, the question of the need to obtain environmentally friendly food products has been increasingly raised. Increasingly, society is asking how to maintain an ecological balance, how to influence the yield and quality of products, minimally interfering with the growth of biological crops.

Around the world, intensive work is underway to develop new resourcesaving methods in agriculture. This task makes it urgent to study methods of nonchemical action on biological objects.

Based on the data and the relevant literature [1, 2, 3], we assumed that the directed energy-informational impact can cope with the tasks of growing ecologically clean, high-quality food without the use of toxic and environmentally harmful substances. We wondered if we could use BRT and homeopathy to protect crops from pests.

In order to test our assumption, we carried out a series of pilot studies on small areas of horticultural crops. This article describes the methodology and procedure for carrying out one of our studies and the rationale for the effectiveness of the impact on plants. The targeted effect of superweak radiation of physical fields belongs to the category of information technologies and does not lead to a change in the genome of the organism [3]. This type of impact forms a kind of protective field around the plant, which is a specific threat signal addressed to a specific pest. Since the protective program is carried out through work with information fields, the treatment of garden crops with energy-informational preparations does not exert a toxic load on the plants.

The bioresonance protection program assumes that

- the exogenous effect of electromagnetic radiation of biological objects is used, around which it is supposed to build a protective field;
- energy-informational transfer from one carrier to another is carried out (homeopathic grits, water);
- the objects of the experiment are processed with an energy-informational preparation.

Materials and research methods
The present study was carried out in a Royal Gala apple orchard.

The area of the plot of gardens allocated for the experiment is 1 hectare.

Place of the experiment: d. Molleges, department of Bouches-du-Rhône,

Provence-Cote-d'Azur region, France.

To carry out the work, the following tools were used:

- 1. Apparatus for electropunctural diagnostics, medication testing, adaptive bioresonance therapy and electro-, magnetic and light therapy for BAP and BAZ, computerized "IMEDIS-EXPERT", Registration certificate No. FS 022a2005 / 2263-05 dated September 16, 2005
- 2. Specially created for this research energy-informational drug (hereinafter SEP), made using the apparatus "IMEDIS-EXPERT".
 - 3. Apparatus for irrigating gardens.

Study design

Apple juice producers decided to grow apples without the use of pesticides, while maintaining productivity and protecting them from the resulting lesions. The garden is infected with a fungus - scab and apple moth.

To test our hypothesis, we developed an "antistress" program for the garden, which included general strengthening ART drugs and a specially developed drug (hereinafter referred to as SEP). The main SEP was the sum of energy-information signals threatening the scab.

Since 2011, they have ceased to carry out chemical treatment of the garden. In the autumn season of 2011, twice with a break a month, treatment was carried out with the "antistress" program in order to give the garden a "rest" from pesticides. During the spring, the garden "survived" 2 frosts, not typical for the region.

From March 11 to June 21, 2012, 15 weekly treatments with special energy-informational preparations were carried out.

Based on the results of work 2012–2014. there were no visible changes. Further, the garden was not cultivated in any way.

At the 2015 harvest, scab was completely absent on every tree. At the same time, in the neighboring orchards, in which no bioresonance effect was carried out (the orchards were treated with pesticides), this year there was an increased infestation of apple trees with scab.

Thus, this experiment confirmed the hypothesis that directed energy-informational influence can solve the problems of agriculture and is an environmentally friendly and harmless method of agricultural processing. Over the past three years (2013–2015), we have also carried out other studies, the results of which confirm the correctness of the formulated hypothesis. However, for final conclusions, we prefer to observe further.

Justification of the mechanism of processing efficiency

The targeted effect of superweak radiation of physical fields belongs to the category of information technologies and does not lead to a change in the genome of the organism [3]. This type of impact forms a kind of protective field around the plant, which is a specific threat signal addressed to

specific pest. Since the security program is carried out throughwork with information fields, processing of horticultural crops with energy-informational preparations does not have a toxic load on plants.

Thus, the bioresonance plant protection program includes myself:

- 1. Development of a drug that includes the amount of threatening signals for a specific pest that reduces the yield of the cultivated crop.
 - 2. Selection of the required intensity of the recorded signal.
- 3. Implementation of energy-informational transfer developed with specific goals of the drug on a chemically harmless carrier (homeopathic grits, water).
- 4. Use of exogenous exposure to electromagnetic radiation biological objects around which it is supposed to build a protective field.
 - 5. Treatment of the affected areas with an energy-informational preparation. In 2016, in the work on the garden, we have planned a program in the following areas:
 - 1. Monitoring the garden for the presence / absence of scab.
- 2. Carrying out work to protect against damage by the codling moth (Cydia pomonella).
- 3. We also plan to continue working to refine the optimal modes of exposure to crops and a more accurate selection of processing time, signal intensity, recommended processing frequency.

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