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# Bioecological Properties of Sucking Pests of Apple Orchards

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**ANNOTATION:** A broad diversity of lepidopteron pest species inhabits apple orchards throughout the world feeding on leaves, fruit, and vascular systems of trees. The major families and important genera and species in North America are listed in Table 1. The economic damage inflicted on apple by this group is significant and affects production both by direct feeding damage on the fruit and reduction in fruit quality from indirect feeding on the tree. Species in the family Tortricidae comprise the most serious pests of apple. In nearly all the major tree fruit growing regions, there are a suite of 2 to 10 tortricid species that feed on both the foliage and the fruit of apple. Many of these species are minor pests and rarely feed on the fruit or occur only in non-commercial orchards. Other species are key pests and are targeted by pest managers with one or more insecticidal sprays.

**KEY WORDS:** economic damage inflicted on apple, non-commercial orchards, insecticidal sprays

## I. INTRODUCTION

Apples contain a large amount of vitamins C, V1, V2, R, E, A, potassium, manganese and iron. Vitamins C and V improve metabolism in all organs. Medicines R and E rejuvenate the body, restore the condition of the skin and tissues. The substance of potassium has found its proof in many stages in studies of normalization of arterial blood pressure, tooth enamel and strengthening of bone tissue. And the pectin contained in apples contributes to the excretion of excess cholesterol from the body, and also helps to keep away from diabetes mellitus. This substance again ensures that the facial skin is taut and clear.

It is also possible to rely on the help of an apple, while forgetting about the stresses in the brain, the imaginary ones that make the mood blurred. To do this, it is enough to put 1-2 tape on the window sill in the bedroom without a fragrant Apple.

80 percent of the Apple consists of water, the remaining 20 percent consists of useful vitamins. In 100 g fresh apples there are as many as 47 kilocalories. There are practically no fats in it. But since the composition is rich in carbohydrates, the degree of saturation is high. For this reason, it can be a good food for those who want to lose weight. Curative effect

Apples contain a lot of substances that slow down the process of rotting, slowing down the metabolism in the intestine, so this fruit will cleanse the body of harmful substances and get rid of abdominal rest. Apples come to the aid in gastrointestinal diseases, inflammation of the colon and dysentery. In addition, a Apple diet for 1 Week for those who intend to lose weight will help well. It is allowed to eat salads from apples, compotes and juices, steamed and steamed apples in a gas oven for 7 day.

Substances contained in apples resist the accumulation of uric acid in the body. Therefore, even in gout, a Apple diet gives a good taste. In addition, it preserves from kidney-stone and gall stone diseases, urges Apple diet and to active the separation of gall.

Apples prevent constipation. To do this, it is required to eat 1-2 pieces of apples on an empty stomach in the morning. 2-3 once a week for 1 day without food, only with the help of Apple nutrition the body can cope in a natural way.

Lovers of this fruit will be smart. Because apples fight against anemia, confusion, brain snoring, the rhythm of blood movement in the vessels. According to the researchers, if a person consumes 3 pieces of apples per day, even in a state of glory, his memory is solid, since his brain works at high accuracy. Light types of hypertension can be treated



without medication only with the help of apples. The fact that there is always an Apple in the daily diet eliminates edema associated with cardiac activity in the body, contributes to the Prevention of infarkt and stroke.

## II. MATERIALS AND METHODS

Vitamin A in apples is 50 percent more than in oranges. It protects the body from candles and eye irritation. This fruit contains vitamin G, which is not found in other delights. It is especially useful for young children, it promotes appetite and growth.

Apple C medicinal is 10 times more than a banana. But the more apples stand and wither, the more useful substances in it are reduced.

### SOUR APPLES-NATURAL ANTIBIOTIC

Sour apples contribute greatly to the increase in immunity, since they contain a lot of vitamin C. It strengthens the wall of the vessels, helps to strengthen the patients who have long suffered. Phytoncides in apples are a natural antibiotic, capable of destroying viruses in the body, when fighting colds and Gripes.

### BENEFITS OF PORRIDGE, SEEDS AND VINEGAR

Many scientists believe that apple peel contains substances that remove excess cholesterol from the blood, inhibiting the growth of cancer cells, so it is recommended to eat this fruit without Archimedes the peel.

And to young children it is better to give the chewing reflex in the form of a porridge made from a grater, arching the peel of an Apple until it is completely formed.

From apples, pharmacist vinegar is prepared. Its importance in the organization of a healthy diet cannot be overemphasized. Adding apple cider vinegar to salads and various dishes little by little, regular consumption significantly reduces the risk of infarct and stroke diseases. If 30 ml of apple cider vinegar is added to 200 ml of warm water and drunk before meals 1-2 times a day for 1 month, then reduce the amount of cholesterol in the blood to 30 percent.

The seeds of apples are also useful. The amount of iodine in it is incredibly abundant. Seeds of 5-6 pieces of apples can perfectly provide a person's organism with the necessary iodine substance for 1 Week.

The usefulness of the Apple also depends on its color. For example, apples of red and yellow color will please many, because of the abundance of sugar, such apples will be very sweet. And from the point of view of Medicine, there is a lot of healing of green sour apples, the content of which is rich in pectin.

The calories of a coal-Blue Apple are slightly less than that of a red apple. If you want to reduce weight or protect yourself from sugar, it is better to eat beets, that is, sour-sweet apples.

On the recommendation of the World Health Organization, men per day should not exceed 700 g of apples, and women-no more than 500 g. Take into account that apples contain acid, which affects the formation of gastric juice. Therefore, it is good that apples are usually eaten before lunch.

Some believe that it is caloric that it is cooked in KUR than in ordinary apples. If during cooking, honey, sugar, cottage cheese are not added to apples, then its calorie is the same as that of ordinary apples.

## III. RESULTS AND DISCUSSIONS

If you pour boiling water into a teapot of apple cider, apple tea is formed. Such a tincture also has a soothing property. And in apples baked in the sleeve, there are fewer acids that affect the cleavage of gastric juice.

There is also an erroneous view that consuming a lot of apples increases blood. The content of iron in apples is so small that in practice the organism cannot assimilate it. But apples contain a lot of medicinal substances, which neutralizes toxic substances in the intestine.

Any variety of apples contains up to 80 percent of water. But in the Blue apples, which are cooked in autumn and winter, the water will be slightly less.

Diseases associated with food digestion, such as ulcers, constipation, erosion, Crohn's disease, can cause pain when eating a lot of apples in times of sensitivity, the disease developstirib send. Because in the Apple, especially in its peel, a lot of coarse cutlet.

Fruits of apples, juice, compote, jam, thyme are widely consumed. Also, Apple products can be seasoned with various desserts and desserts.



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