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AWARENESS OF THE IMPACT OF RAGWEED ON THE ENVIRONMENT AND HUMAN HEALTH

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Relevance: nowadays, allergic reactions are very common, no one can be completely insured against allergic reactions, even a completely healthy person can become allergic by inhaling air containing a large amount of ragweed pollen for several weeks. Acquired allergy is almost incurable. Ragweeds are among the most aggressive and harmful plants. Their harmful effect is that they cause a decrease in crop yields. These herbs do not bring any benefit, as they have a bitter taste and are consumed by animals.

The purpose of the study: To investigate the impact of ragweed on human health, to make a preventive and statistical survey and to explain the importance of neutralization and destruction of this type of weed in the general ecology.

Materials and methods: Statistical analysis and data from questionnaires of 121 survey participants.

Results: The study revealed that 46.3% of respondents admit that they have allergies after contact with ragweed, 53.7% - do not. 78.5% of respondents believe that ragweed is a pest and unnecessary plant. Moreover, 73.6% agree that there is no benefit from the above-mentioned herb, 26.4% - said no. 92.6% noted the presence of ragweed in the city of their residence and only for 40.5% of participants it is an obstacle to outdoor walks in summer. This type of plant can cause a number of allergic diseases, but only 64.5% of respondents know how dangerous ragweed is. Among those who have had allergies, the pollen of this plant causes the following phenomena in respondents: itching - 46.2%; runny nose - 54.8%; Given the danger of ragweed, 87.6% believe that it should be combated. 33.6% of respondents believe

that the most productive way to combat ragweed is pulling it out by the root, 30.6% - displacement by other plant crops, 25.2% - chemical method, 8.1% - mowing.

Conclusion: Having studied the statistical data we came to the following conclusions: 92.6% of respondents admitted that they saw ragweed in the place where they live. Half of the respondents have experienced allergic reactions caused by ragweed; most of them are aware of the negative impact on the environment and their own health and consider this plant harmful and unnecessary; the first place among the symptoms caused by the pollen is runny nose and itching. Almost all respondents believe that the problem of ragweed needs to be addressed, and the most effective methods of ragweed control are: mowing, uprooting, chemical method and displacement by other plants.