



**LALIFORNIA RED WORM ENHANCEMENT OF THE IMMUNE SYSTEM IN HUMAN DISEASE  
SERUM PRODUCTION**

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**ABSTRACT:** - The human body is constantly adaptable to the external environment, and receives 45% of the energy it needs from the external environment, 15% from the immune system, 20% from

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the health environment of the family, and 20% from changes in the ecological system. Therefore, since the external environment has a small influence on the stimulation of the human immune system, it is possible to feed and increase the immune system from animal sources, change antibody-producing cells, and directly and indirectly stimulate the immune system of the spleen.

**KEYWORDS:** California red worm, Breeding, whey, oil and cream, influence.

## INTRODUCTION

To do this, samples of California red worms grown as an experimental field are taken and laboratory analysis is carried out, which is carried out in the following step.

In the first phase, each room was supplied with California red worm and feed. For six months, the California red worm carried out continuous care for humus on a target basis of 50 rooms. The goal is that California red worm biohumus will increase soil fertility while simultaneously serving as a foundation for increasing the yield of crops and berries. There are 97 species of worms on earth. Only a few species are suitable for feeding. Worms produce many seeds, 4-5 out of 20 seeds survive. The California red worm is very active and aggressive compared to the common "wild" worm. If he has enough food, he will not leave his home. Its length is up to 99 millimeters, its body diameter is 3-5 millimeters, it spawns every day under favorable conditions. After spawning, it lays an egg capsule (up to 20), and after 14-20 days a new generation is born. Newly born worms reach adulthood after 90 days. one California red worm can give birth to 1,500 worms. In one day and night, about 2,400 worms multiply. This type of worm eats its own weight of organic matter every day. 600 kilograms of biohumus and 100 kilograms of protein-rich biomass are produced from one ton of organic waste. Increases the fertility mass of the soil.

In worms, the process of regeneration is strong, and the process of recovery of the divided pieces is high. Because of this, the fluids extracted from it worked as a medicine for the human body.

Manure, weeds, leaves, tree branches, sawdust, straw, kitchen waste, laundry, aviary, animal waste, paper cardboard, etc. are worm food. Nevertheless, it is necessary to collect manure and sprinkle water for 4-5 days. It is necessary to sprinkle water three times a day in southern regions in hot countries. As a result, the organic matter heats up and decomposes. It is appropriate if the biomass pile is dusted with chalk powder, slaked lime or dolomite flour. Because worms do not like a bitter environment. Worms can be fed both indoors and outdoors. Worms can be fed in seats up to 30-100 thousand.

One ton of humus can be prepared in one seat (2x1m) in a year. 40% of nutritious substrate is used for the life of worms, 60% of biohumus is formed in the form of copromite. close worm biomass is obtained. Seats are built on slightly sloping plots so that rain does not collect and form puddles. It is important to protect the worm especially from bats, they are a fierce enemy.

It doesn't matter what day or month you start worming. The best time is spring, autumn and summer. Worms are sensitive to ammonia and high temperature. For this reason, only fermented and cooled manure can be used for feeding. Other organic waste must also rot.

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A domestic rabbit is ready for worm feeding in the last 5-10 days, a horse in 3-4 months, and a cattle after 5-6 months. If there is little food, the worms will die, if there is a lot of food, breathing and gas exchange will be difficult. Always monitor the reproduction and development of worms. should be done. Worms in boxes, balcony. The land is full, it is also possible to build in garages.

Our experimental area is "Chep" and "Guliston" neighborhoods of Oltinsoy district. Simultaneously with the cultivation of nutrient-rich biohumus, the California red worm, which is used for human diseases, is isolated, fixed, filtered and placed in a drying cabinet. after drying in the oven for 48 hours, the red worm is sifted through a special tool and turned into flour. 12 mg of this sample is taken and placed in a flask, the necessary reagents are added to it and placed in a thermostat. Blood fluid obtained from the gelment is added to the gelment liquid, which is sterilized in the thermostat, and it is centrifuged.

The serum obtained from this sample is subjected to an immunological examination and the level of influence on the human immune system is studied. The basis of this experiment was that we can see that the anti-serum is ready for 11 different diseases in the fight against human diseases and observe the pathological symptoms. This serum "NURZAM" is the most powerful tool for preventing hepatitis-A and hepatitis-B infection in the prevention of viral infectious diseases.

"AZAMZAR" cream ointment was prepared in a laboratory method from a sample taken from the California red worm and is used to prevent skin diseases such as leishmaniasis, vitiligo, psoriasis, and allergic rashes. Hematological indicators have been proven to be 15% higher than statistical data.

It became known that the formation of erythrocytes and increase in cellularity in the human organism is regularly high

The cream made from California red worm affects the lymph nodes of the human body, it is a high concentration in the production of lymph fluid from the lymph nodes, lymphopoiesis is formed, the immune system increases.

## CONCLUSION

The serum and oil obtained from the California red worm brings the human immune system to a higher stage, even takes an active part in protein biosynthesis, has the characteristic of controlling the operator's function in the implementation of protein biosynthesis, and even serves as a basis for the nutrition of the nervous system.

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