

ENVIRONMENTAL STIMULATORS FOR EUPHORBIA MILII

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The species *Euphorbia Milii* is the largest species of medicinal plants widely distributed in tropical countries. According to the literature: *Euphorbia Milii* is used in the treatment of various skin diseases, intestinal parasites and ulcers. It is known from the literature that *Euphorbia Milii* exhibits anti-arthritis, anti-cancer, anti-epileptic, anti-diabetic, anti-eczema and anti-oxidant properties in the treatment of various inflammations

Process. A study was conducted to determine the favorable conditions for the growth of *Euphorbia Milii*. This study was conducted mainly on the plant *Euphorbia Milii* growing in Khorezm region. To carry out the research, 10 plants were taken from "Jannat Gullari LLC". These plants were brought to the house of A. Qadiri 10/A, Urganch city, Khorezm Province and sorted for the experiment. 5 plants were placed indoors and the remaining 5 plants were placed under open field conditions. The time for the experiment was 6 months. The experiment started in May 2022 and

ended in November 2022. A sufficient amount of water was poured into the flowers kept in the room for a total of 6 months, the room temperature was 25 C on average. Relatively little water was poured on plants kept in open field conditions.

Results

According to the obtained results, the plant *Euphorbia Milii* is considered to be a plant that likes hot climate conditions, and this plant is also considered to be water-loving. But *Euphorbia Milii*, grown under field conditions, did not perform well. Below are pictures to compare them:



According to the 1st picture we can make conclusion that low temperature and less water are inhibitors for growing of *Euphorbia Milii*. Because their condition did not change from the beginning of experiment. It can also be said that the metabolism of the plant has not accelerated due to insufficient water. The second picture below



shows a plant grown in room conditions. As a result of hot climate conditions and constant watering, the plant has grown twice its original height and the leaves have also become larger. In conclusion, the Euphorbia Milii plant was found to be a water-loving and heat-loving plant.

