

Botanical Distribution of *Chelidonium Majus* L (Chelandin Large)

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ABSTRACT

Perennial herbaceous plant 30-100 cm high with a branched stem. The leaves are pinnately dissected with a wavy margin. Flowers in sparse simple umbels at the ends of branches. Corolla yellow, with four free petals, approx. 2 cm in diameter. The fruit is a pod-like capsule, opened by two wings. The plant contains orange milky juice.

Celandine contains saponins, flavonoids, essential oil, complex alkaloids, carotene, ascorbic, chelidonic, chelidonic, malic, citric and succinic acids.



Chelidonium Majus L (chelandin large) It grows in light forests, often found near housing, in garbage places, along fences, on rich soils. Distributed in the European part of Russia, in the North Caucasus, found in Siberia. Blooms in late spring and early summer. Celandine seeds are spread by ants (the seeds have a fleshy appendage that ants eat).

Application. It has insecticidal properties (serves to control pests of the garden and vegetable garden). Dyeing (with the help of grass, wool was dyed red and yellow), poisonous (contains

poisonous alkaloids), medicinal. Celandine juice was used for scarring metal.

Chemical composition and medicinal properties. The plant contains alkaloids: chelidoniumine, homochelidoniumine, chelerythrin, methoxychelidoniumine and others. The grass contains essential oil, organic acids, vitamin A. Milky juice contains resinous substances, seeds - up to 66% fatty oil. Celandine has long been used to treat skin diseases.

The medicinal part of the plant and the time of collection. For medicinal purposes, the entire aerial part of the plant is used, which is cut off during the flowering period and quickly dried in a good draft. The dried herb is packaged and stored as a powerful herbal remedy.

For medicinal purposes, milky juice is most often used, grass and roots are also used. Fresh juice reduces warts, calluses, heals wounds and ulcers, scabies, benign and malignant tumors, skin cancer. In modern medicine, celandine is also used to treat diseases of the liver and gallbladder, rheumatism, gout, there are indications of the use of celandine as a diaphoretic, laxative and analgesic. Celandine was treated earlier and some eye diseases.

Definition and related plants. Plant of the poppy family. The generic name 'Chelidonium' comes from the Greek 'chelidon' - swallow. One species belongs to the genus. As for the poppy family as a whole, the most famous are plants of the poppy genus (Papaver), widely distributed in cultivation.

References:

1. www.agroilm.uz

