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## Isolation of Lectins from the Seeds Hippophae rhamnoides L.

<u>V.N.Samorodov, S.V.Pospelov</u> and <u>E.L.Golynskaya</u>, Agronomy Department, Agricultural Institute, Poltava, USSR.

At present the investigations of the presence of lectins in medicinal plants are expanded. However, many of their species possessing a broad spectrum of phytotherapeutic effects are not studied yet as to the presence of these compouds. One of such plants is  $\underline{\text{Hippopha}} = \underline{\text{rhamnoides }} \underline{\text{L}}.$ 

We have ascertained that the seeds of this species contain lectin of a high hemagglutinating activity. Its initial purification with subsequent lyophilization was carried out by means of low temperature ethanol fractionation in two stages. During dilution of the preparation of 1 mg/ml the agglutination titer mounted to 1:524288. The isolated lectin did not possess a specificity to human blood groups.

It is proved that the present lectin is available not only infruit, but also in the shrot-the waste from the production of sea-buckthorn oil. It opens the road to its rapid and inexpensive production.

A conclusion is draun that the unique and various medicinal properties of Hippophae rhamnoides L. can be conditioned by the presence of lectins in it.