



Review article

## A review on comparative study of some pigmented and non-pigmented flower having anti-diabetic activity

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### Abstract

Flowers are the aesthetic part of the plant. In addition to having an ornamental value flowers also show, medicinal value. As per World Health Organization, presently around 80% of people worldwide rely on herbal medicines. To reduce the side effects herbal medicines are now in great demand for primary health care. Changes in the lifestyle and unhygienic environment are the main causes of non-infectious chronic diseases. Diabetes Mellitus is one of the gravest non-communicable diseases. The situation is becoming worse day by day. According to the survey, in 2008, 63% deaths were mainly due to non-communicable diseases, and the percentage is even increasing day by day. As per the statics of 2014, 8.5% of adults aged 18 and above have raised blood glucose level. The review encloses information about pigmented and non-pigmented flowers which show anti-diabetic activity. This review article focuses on a comparative study of pigmented and non-pigmented flower with their medicinal activity having anti-diabetic effect. One of the important aspects is to study that whether the anti-diabetic activity of the flowering plant mentioned is associated with the pigmentation or not.

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