

Hypoglycaemic Potential of *Murraya Koenigii*, Spreng (Karaypak)

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Crushed leaves of Murraya koenigii, the common Indian curry leaf plant, was investigated for potential hypoglycaemic effect in animals as well as apparently healthy human volunteers. Finely ground leaves were mixed with distilled water or butter milk and administered orally in different doses. At the dose level of 10g/kg it exhibited significant hypoglycaemic effect (33%) in fasting normal rabbits during the first hour itself. The same response was seen in GTT studied in rabbits. In normal human volunteers at 50g dose level (total dose) there was a peak fall in blood sugar (24%) at the end of the third hour of the medication.

However in alloxan diabetic rats though there was a fall in blood sugar (17%) at the fifth hour in the dose level of 10 g/kg it was found to be statistically not significant.

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