



## Variability in Secondary Metabolites during Developmental Stages and Seasons in *Corbichonia decumbens* and *Withania coagulans* from Indian Thar Desert

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**Abstract:** The present study was carried out to evaluate the variations in the secondary metabolites during different developmental stages and seasons in two important medicinal plants, viz. *Corbichonia decumbens* and *Withania coagulans* from the Indian Thar desert. In *C. decumbens*, maximum amount of total alkaloids were observed during fruiting, whereas, total phenols in vegetative stage. In *W. coagulans*, rainy and summer seasons were found to be suitable for maximum accumulation of total alkaloids and phenols, respectively.

**Keywords:** *Corbichonia decumbens*, Indian Thar desert, Secondary metabolites, *Withania coagulans*

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