



AMORPHOPHALLUS PAEONIIFOLIUS (ARACEAE): A NUTRACEUTICAL FOR FOOD DISORDERS, NOVEL BACTERIAL & VIRAL INFECTIONS

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ABSTRACT

Amorphophallus paeoniifolius is a very common tuber plant having diverse secondary metabolites and palatability levels. Keeping the problems of food shortage & novel infectious diseases throughout the world, an attempt has been made through fieldworks during 2009 to 2020 to gather the information on its ethnobotany, bioactive compounds from lab work and pharmacological properties from secondary sources to make it future nutraceutical against food disorders & novel microbial diseases. The tuber is used as food and medicines, it is rich with primary & secondary metabolites and its extracts are used to treat various infectious diseases. The compounds present in the species have potential to make novel drugs against present health problems throughout the world. The present study highlights the importance of wild tuberous plants in mitigation of food shortage, food disorders, anti-microbial resistance, novel bacterial & viral diseases like MDR-TB and COVID-19.
