



Screening of bioagents and botanicals against *Sclerotium rolfsii*, *Rhizoctonia bataticola* and *Fusarium* sp causing root rot/wilt complex of soybean

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Abstract : The root rot/ wilt complex has become a major production constraint in Karnataka. The associated pathogens causing the root rot/ wilt are identified as *Sclerotium rolfsii*, *Rhizoctonia bataticola* and *Fusarium* sp. in northern Karnataka, either in combination of two or more than two pathogens. *In vitro* screening of bioagents and botanicals was taken up to identify an effective strain/botanical pesticide against all the three pathogens. *In vitro* studies revealed that *Trichoderma viride*, *Trichoderma harzianum*, Azadirachtin, Neem oil were more effective in inhibiting the mycelial growth of all the three pathogens.

Key Words : *In vitro* screening, Root rot/wilt, Bioagents, Botanicals, Soybean

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