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AN ADDITIONAL HOST OF *Botryodiplodia theobromae* Pat

A leaf spot disease of *Uvaria narum* Wall was observed during September - October, 1974, at the Botanical Gardens, Trivandrum, Kerala. The disease appeared on the upper surface of leaves as circular to oval reddish brown to chocolate brown spots. At maturity, the spots coalesced and they were 1.0-1.5 cm. in size. The causal organism was isolated on potato - dextrose agar medium which was identified as *Botryodiplodia theobromae* Pat. The pathogenicity of the fungus was established by inoculating detached healthy leaves of *U. narum* under laboratory conditions, Pycnidia were produced in groups of 3-5, globose to flask shaped, 210-302 X 174-200 μ with numerous spores. Young pycnidiospores were hyaline, one-celled, rounded to ellipsoidal. Mature conidia were two-celled and 19-30 X 10-14 μ . The culture was deposited in the Commonwealth Mycological Institute, Kew, Surrey, England (I. M. I. 180691).

Shreemali and Bilgrami (1968) reported that *B. theobromae* Pat. caused leaf spot diseases of a large number of plants. A perusal of literature revealed that *U. narum* is an additional host of *Botryodiplodia theobromae* Pat. which caused leaf spot disease.

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സംഗ്രഹം

യൂവേരിയ നാരം (നാറം പാണൽ) ചെടിയുടെ ഇലകളെ ബാധിക്കുന്ന ഒരു തരം കമീൽ രോഗം രേഖപ്പെടുത്തുകയുണ്ടായി. രോഗം സാധാരണയായി ഇലകളുടെ മുകൾഭാഗത്ത് തവിട്ടു നിറത്തിലുള്ള പൊട്ടുകളായിട്ടാണ് കാണപ്പെടുന്നത്. രോഗകാരണമായ കമീളിനെ വേർതിരിച്ചെടുത്തതിൽ നിന്നും അത് ബോട്രിയോ ഡിപ്ലോഡിയ തിയോബ്രോമെ എന്ന കമീൽ മൂലമാണെന്ന് തിരിച്ചറിയപ്പെട്ടു.

ഈ കമീൽ യൂവേരിയ നാരം ചെടികളുടെ ഇലകളെ ആക്രമിക്കുന്നതായി ഇതിനു മുമ്പ് രേഖപ്പെടുത്തിയിട്ടില്ല.

REFERENCE

- Shreemali, J. L. and Bilgrami, K. S. 1968. Range of variations in the morphology of different isolates of *Borriodiplodia theobromae* Pat *Indian Phytopath.* **26**, 357-360.

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