

SUMMARY

The fungicidal activity of a large number of reaction products obtained after simple synthetic modifications three abundant natural product oils, Castor oil, rubber seed oil and cashew nut shell liquid have been investigated. Several preparations showed marginal activity in the preliminary bioassays, and one obtained in the potassium dichromate in acid medium oxidation showed a significant increase in fungicidal activity. The active compound in this preparation was isolated by activity directed fractionations and was identified by spectroscopic methods as a quinone. Biodegradation of this active compound also has been studied and a slow degradation to inactive compounds has been observed. Further studies with field experiments are necessary in the development of this new fungicide useful in agriculture.

Deficiencies:

1. No references to previous work
2. No references to publications from this work.
3. ~~Period of grant.~~

Generally O.K.

Should not there be a first page with grant details

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