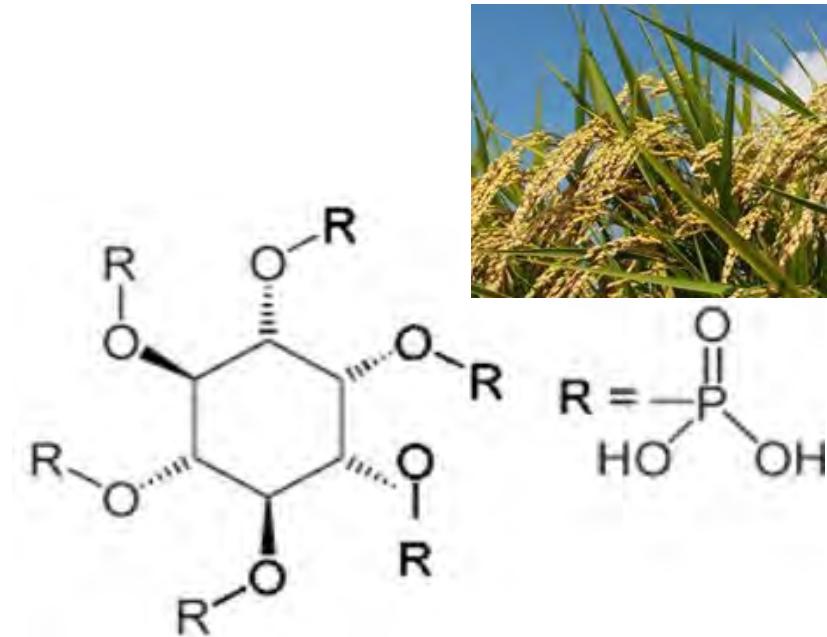


Phytic Acid: Properties and Potential Applications in Dentistry

Removal of smear layer by phytic acid (IP6)

Phytic Acid has the potential to be the new root canal chelating agent: **Phytic Acid** proved to be an effective agent in removing the smear layer and restoring the bond-strength to NaOCl-treated dentin while being biocompatible to osteoblast-like cells.



The Effect of Phytic Acid Used as Etchant on the Bond Strength, Smear Layer and Pulpal Cells

Phytic Acid: An Alternative Root Canal Chelating Agent

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Journal of the mechanical behavior of biomedical materials

DOI: [10.1016/j.jmbbm.2015.03.027](https://doi.org/10.1016/j.jmbbm.2015.03.027)

Journal of endodontics DOI: [10.1016/j.joen.2014.09.029](https://doi.org/10.1016/j.joen.2014.09.029)

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