

Abstracts

Insect-Control Possibilities Using Microwaves and Lower Frequency RF Energy

S.O. Nelson. "Insect-Control Possibilities Using Microwaves and Lower Frequency RF Energy." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 27-29.

Principles applicable to controlling stored-product insects with radiofrequency (RF) energy and general findings of research on this topic are reviewed. Data are presented on the frequency dependence of the dielectric constant and dielectric loss factor of insects and grain, and use of such information is discussed in relation to RF treatment for insect control. Some aspects of practical application are also considered.

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