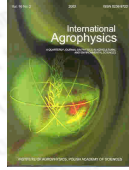




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Food irradiation of agricultural products in algeria. present situation and future developments (a short communication)

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Benkeblia N.

Biological Engineering Department, Faculty of Science and Technology, Mostaganem University B.P : 118, 27000 Mostaganem, Algeria

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abstract In Algeria, commodities such as fruits (dates and oranges) and vegetables (potatoes, onions and garlic) have strategic role in the local and national markets. Long term storage is by combination of cold chain and traditional methods but losses are high. Ionising radiation proved to be effective at greatly reducing losses and the method is increasingly practised. The banning of methyl bromide (or ethyl dibromide) and other desinfectants for the use in dates, and maleic hydrazide (MH), carbamate isopropyl N-phenyl (CIP) and CIP-chlore-(CIPC) for sprout inhibition in potatoes, onions and garlic suggest a high potential of the ionising radiation as a replacement treatment that could also complement temperature controlled storage.

keywords ionisation, agricultural products, food irradiation

Instytut Agrofizyki PAN
ul. Doświadczalna 4
20-290 Lublin

e-mail: sekretariat@ipan.lublin.pl
tel.: +48817445061
fax.: +48817445067