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**CARBON DIOXIDE FUMIGATION OF ORGANIC GRAIN
FOLLOWED BY 'REFRIG-AERATION'**

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ABSTRACT

(For full paper see "Late-comer" section at end of volume)

Organic grain was fumigated on arrival in storage with carbon dioxide (CO₂). Concentrations were held above 30% for 15 d by continuously topping up with additional CO₂ through a recirculation system. Subsequent aeration with refrigerated air enabled long-term storage without the need for re-fumigation. This integrated commodity management strategy provided the means to outload 60-t batches of insect-free grain over a total storage period of 24 months. The results of insect trapping in the storage area are discussed, and the equipment and operational costs of implementing this strategy are described.