

INFLUENCE OF RESISTANCE ON FUTURE FUMIGATION TECHNOLOGY

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Global dependence on fumigation continues to increase but many constraints on that technology could lead to its extinction. One of those constraints is resistance. Phosphine resistance continues to increase in frequency and in intensity among pest populations but control failures rarely occur. When they do however, they can usually be managed by the use of other existing, alternative methods or technologies. In spite of our ability to control these resistant populations, future pest control operations will become more complex and challenging. New, developing technologies like genetic engineering could threaten our pest control security and undermine our efforts to manage resistance. The presence of transgenic food products will increase in the market place and impact pest management technologies in the future.