

إطالة مدة تخزين ثمار الكمثرى عن طريق تثبيط نشاط بعض الإنزيمات  
باستعمال محاليل مثبتة للإيثيلين

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تم رش أشجار الكمثرى ببعض مثبتات الإيثيلين هي: Silver, n-propylgallate،  
nitrate and benzothiadiazole وذلك بتركيزات مختلفة بعد تمام النضج، وقد وجد أن  
Benzothiadiazole, silver nitrate عند تركيز ١٠٠ مجم/ لتر، كان لهما أكبر تأثير  
على تثبيط نشاط إنزيمات بوليغالكتيوروناز والسايولاز والديهيدروجيناز أثناء التخزين  
عند درجة حرارة واحد مئوية ورطوبة نسبية متتراها ٩٠-٩٥%. كما أدت هذه المعاملات  
إلى إطالة فترة تخزين هذه الثمار.

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