



شکل ۱۰. اثر محلول پاشی پوتریسین و اسپریمین بر مقاومت غشایی آلسترومریا رقم 'سوکاری'

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۴. نتیجه گیری

بر اساس پژوهش انجام گرفته می توان نتیجه گرفت که اسپریمین و پوتریسین بر فعالیت کلروفیلاز، سوپراکسیددیسموتاز و کاتالاز تأثیر معناداری در سطح ۱ درصد داشتند. اسپریمین با غلظت ۲۰ میلی گرم در لیتر و پوتریسین با غلظت ۱۰ میلی گرم در لیتر بهترین تیمار بودند، به طوری که تیمار ۲۰ میلی گرم در لیتر پوتریسین و اسپریمین به ترتیب عمر گلجایی را ۱۹ و ۲۲ روز افزایش داد. تیمار پوتریسین و اسپریمین در هر سه مرحله نمونه برداری موجب حفظ کلروفیل برگ شد. اسپریمین و پوتریسین بر فعالیت آنزیم های آنتی کسیدانت تأثیرگذار بودند و در افزایش عمر گلجایی آلسترومریا نقش مؤثری داشتند. اسپریمین ۲۰ میلی گرم در لیتر و پوتریسین ۱۰ میلی گرم در لیتر بیشترین تأثیر را در افزایش عمر گلجایی و کاهش پیری گل های آلسترومریا داشتند. در کل تیمار اسپریمین در افزایش عمر گلجایی آلسترومریا مؤثرتر از تیمار پوتریسین بود.

منابع

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