Effect of seasonal variation, pulsing and different floral preservatives on vase life of golden rod \textit{(Solidago canadensis} Linn.) cut flowers


\textbf{ABSTRACT}

Effect of seasonal variation, pulsing and different floral preservatives on vase life of golden rod \textit{(Solidago canadensis} Linn.) cut flowers were subjected to various treatments were seasonal variation (Summer, Monsoon, Winter), and three pulsing levels (control, sucrose (15%), aluminium sulphate (600 mg/l)) and eight levels of floral preservatives viz., sucrose (2%), cobalt sulphate (200 mg/l), citric acid (200 mg/l), sucrose (2%) + cobalt sulphate (200 mg/l), sucrose (2%) + citric acid (200 mg/l), cobalt sulphate (200 mg/l) + citric acid (200 mg/l), sucrose (2%) + cobalt sulphate (200 mg/l) + citric acid (200 mg/l) and control. The experimental findings suggest that the winter season, sucrose (15%) pulsing and floral preservative sucrose (2%) + cobalt sulphate (200 mg/l) was most desirable for enhancing vase life of golden rod cut flowers.

\textbf{Key words} : Flowering vase chemical, Citric acid, Cobalt sulphate, Aluminium sulphate, Sucrose