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**EFFECT OF ALCOHOL AND SUCROSE ON DISPLAY LIFE OF CUT RACEMES OF *LUPINUS HAVARDII***

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By recurrent selection and breeding, we have developed blue, white and pink colored genotypes of *Lupinus havardii* Wats. having great potential as specialty cut flower crops. Our current improved genotypes show very little flower abscission, although some flowers do senesce during vase life. This investigation forms a part of our ongoing studies related to evaluation of post harvest performance of cut racemes, and reports the results of the effect of ethyl alcohol (1-10%), alone and in combination with sucrose (SUC), on flower senescence and vase life of cut racemes. Increasing concentrations of alcohol (up to 4%) reduced the senescence of flowers and greatly enhanced their display life. Alcohol (>4%), depending upon the genotype, induced moderate to severe collapse of inflorescence axis above the vase solution, although the flowers remained fresh for a long time. SUC and alcohol, in combination, acted synergistically, and further extended the vase life. Experiments using ethylene inhibitors/promoters revealed that the effects of alcohol are partially mediated via inhibition of ethylene production and ethylene sensitivity.