

ABSTRACT

TRANSGENIC FLOWERING PLANTS

The present invention relates generally to transgenic flowering plants. More particularly, the present invention is directed to transgenic rose, carnation and chrysanthemum plants genetically modified to enable expression of flavonoid 3',5'-hydroxylase thereby permitting the manipulation of intermediates in the flavonoid pathway.

THE PRESENT INVENTION RELATES GENERALLY TO TRANSGENIC FLOWERING PLANTS. MORE PARTICULARLY, THE PRESENT INVENTION IS DIRECTED TO TRANSGENIC ROSE, CARNATION AND CHRYSANTHEMUM PLANTS GENETICALLY MODIFIED TO ENABLE EXPRESSION OF FLAVONOID 3',5'-HYDROXYLASE THEREBY PERMITTING THE MANIPULATION OF INTERMEDIATES IN THE FLAVONOID PATHWAY.

7-74800022

1994-01-01