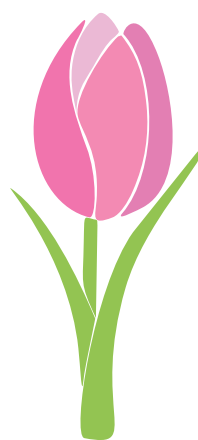


ARE DAFFODILS FLOWER KILLERS?



Daffodils bloom beautifully – but can cause other flowers to quickly wither and die if they are placed in a vase together. This graphic looks at the chemical explanation.

AFFECTED FLOWERS



TULIP



ROSE



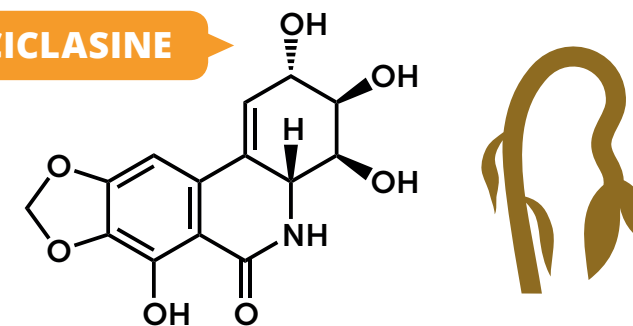
IRIS



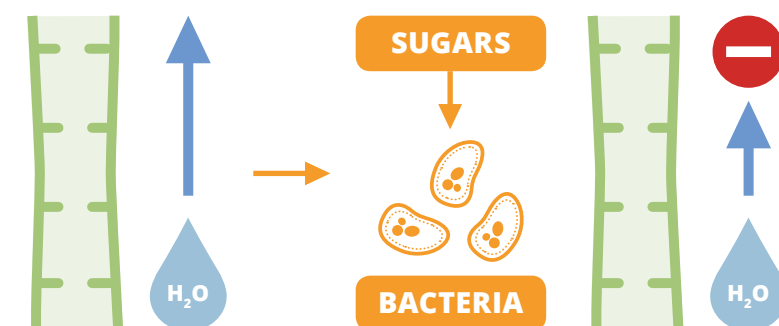
The mucilage from daffodil stems can kill other flowers in the same vase. Studies have shown this effect with tulips and roses. In another study the opposite effect was seen with iris flowers, with the presence of daffodils prolonging blooming time.

CHEMICAL CAUSE

NARCICLASINE



Alkaloids in daffodil mucilage are toxic to flowers including tulips. Narciclasine is a key culprit, though it can prolong the life of iris blooms.



In roses, sugars and polysaccharides in daffodil mucilage increase bacterial growth, blocking water uptake.

