



## Treatment for Agapanthus

Introduction	<p>Agapanthus is very sensitive to ethylene, bacteria and cold. Ethylene causes major damages like shrunken flowers, flower and bud abortion, incomplete flowering and a short vase-life.</p> <p>During storage and rehydration, Agapanthus faces water uptake problems caused by excessive bacterial growth due to insufficient hygiene in the water.</p> <p>During the post harvest treatment of Agapanthus special care has been taken in regarding temperature. The temperature, even in the cold store and during transport, has to remain above 10-12° C.</p>
Background	<p>Ethylene is a volatile hormone, produced by the flower itself in order to regulate flowering. Ethylene can also be produced by secondary sources such as exhaust gases, mature fruits or other flowers, which negatively influences the flower and is the cause of the mentioned damages. These negative effects can easily be avoided by means of a post-harvest treatment with FLORISSANT 100.</p> <p>Bacteria reduce the water transport inside the stems and can even fully block the water uptake. Insufficient water uptake results in flaccid leaves and petals. Excessive bacterial growth can lead to slimy, smelly and unattractive stems. Clean water and the use of FLORISSANT 500 can effectively solve these problems.</p>
Effects	<p>FLORISSANT 100 inhibits the effect of internal ethylene production by the flower and protects against external ethylene coming from secondary sources. Consequently premature shrinking, petal drop and incomplete flowering are avoided and vase life is prolonged. Once treated, the flower will no longer respond negatively to ethylene</p> <p>FLORISSANT 500 contains slow release substances able to suppress bacteria effectively and increase water uptake. Consequently premature shrinking, bud abortion and incomplete flowering are avoided and vase-life is prolonged.</p>
Post harvest	<p>Prepare the FLORISSANT 100 solution just before harvesting. Place the freshly cut flowers in the solution for at least 4 hours. Do not leave the flowers in the solution for longer than 72 hours. The water uptake can be increased by adding Florissant 700.</p>
Neutralization	<p>Neutralization of residual solutions is necessary because the residual solution contains traces of silver. The process is explained in our special instructions "How to neutralize the residual solutions of FLORISSANT 100".</p>
Rehydration	<p>FLORISSANT 500 is an ideal product for the rehydration of this type of flower after dry transport as it kills bacteria and does not contain any flower food, so does not enhance the opening of the flowers.</p>
Storage	<p>FLORISSANT 500 is an ideal product to be used during storage as it kills bacteria but does not contain any flower food, so does not enhance the opening of the flowers.</p>
Vase	<p>Florissant cut flower food is to be used at a consumer level to open the flowers and to bring the flowers to full bloom. Florissant Flower Food is available in 4kg packs &amp; consumer sachets.</p>
Dosage	<p>Shake the container before use and add 1 ml FLORISSANT 100 per litre water. Stir gently and use the solution for a maximum of 5 days.</p> <p>Add 1 tablet FLORISSANT 500 per 3 litre water and stir gently. This solution can only be used once.</p> <p>Note: Always use clean buckets and clean water. Do not combine any other treatment with the above, without consulting UFO SUPPLIES or its agent. Never mix an old solution with a fresh one.</p>
Packing	<p>FLORISSANT 100 is available in bottles (6x1 litre per carton) and jerry cans (4x5 litre per carton).</p> <p>FLORISSANT 500 is available in 1.000 tablets containers; 12 containers per carton.</p>
Precautions	<p>FLORISSANT should be stored in a dry and dark place. Keep the product cool but frost free. Avoid contacts from eyes and skin with the concentrated product.</p>

**Florissant – power your flower**

FLORISSANT® products are manufactured with the greatest care and are kept under constant laboratory surveillance. The manufacturer however cannot be held liable if the product is applied incorrectly.