



Rietwijkeroordweg 15
 1432 JG Aalsmeer – Holland
 Tel (+31) 297 343603
 Fax (+31) 297 368753
 E-mail info@ufosupplies.nl
 Website www.ufosupplies.nl

Treatment for Alstroemeria

Introduction After harvesting, the flowers are very sensitive to ethylene and suffer from a growth hormone deficit. The immediate consequences of these problems are flower and bud abortion and leaf yellowing.

Background 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 flower and bud abortion. These negative effects can easily be avoided by means of a post-harvest treatment with FLORISSANT 100.

After cutting the flowers their hormone level gets misbalanced. For Alstroemeria this results in leaf yellowing, which reduces the ornamental value drastically. Only when treated immediately after harvesting this problem can be avoided by using FLORISSANT 200 tablets or Florissant 210 Concentrated liquid.

Effects FLORISSANT 200 and 210C consist of natural plant growth hormones. Post-harvest treatment with these products restores the misbalanced hormone level of the flowers. FLORISSANT 100 inhibits the effect of internal ethylene production by the flower and protects against external ethylene coming from secondary sources. Together premature shrinking, flower and bud abortion and leaf yellowing are avoided and vase life is prolonged. Once treated, the flower will no longer respond negatively to ethylene

Post harvest Post-harvest treatment with FLORISSANT 100 and FLORISSANT 200/210C may happen at the same time or successively. Prepare the FLORISSANT solutions just before harvesting.

- If used successively first place the freshly cut flowers in the FLORISSANT 100 solution for at least 4 hours. Secondly put the flowers in the FLORISSANT 200/210C solution for at least 16 hours.
- If used at the same time put the freshly cut flowers in the mixed solution for at least 4 hours.

Total treatment time should not exceed 72 hours.

Neutralization	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”.
Rehydration	<p>Flowers which have been treated properly during post harvest with Florissant 200/210 at the recommended rate can be rehydrated with FLORISSANT 600. This is an ideal product for the rehydration of Alstroemeria after dry transport as it improves the water uptake and makes sure the foliage is turgor.</p> <p>Flowers which have NOT been treated properly during post harvest with Florissant 200/210 need to be rehydrated with FLORISSANT 200/210.</p>
Storage	FLORISSANT 600 is an ideal product to be used during storage as it prevents development of bacteria.
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.</p> <p>Florissant Flower Food is available in 4kg packs and consumer sachets.</p>
Dosage	<p>In case of post harvest treatment of the freshly cut flower use</p> <p>FLORISSANT 100: Shake the container before use and add 1ml per litre water. Stir gently and use the solution for a maximum of 5 days.</p> <p>FLORISSANT 200: Put 1 tablet in 3 litre water. Stir gently and use the solution for a maximum of 3 days or</p> <p>FLORISSANT 210C: Shake the container before use and add 0.05ml per litre water. Stir gently and use the solution for a maximum of 3 days.</p> <p>Rehydration or storage of a properly treated flower a dosage of 5ml/Litre FLORISSANT 600 will be sufficient.</p> <p><i>Note: Always use clean buckets and clean water. Do not combine any other treatment with the above, without consulting UFO SUPPLIES or its agent</i></p> <p><i>Never mix an old solution with a fresh one. The product gives an acid solution which should be used in contact with acid-proof pumps, hoses, etc. only.</i></p> <p><i>Avoid any contact of the concentrate and the ready-to-use solution with metals.</i></p>
Packing	<p>FLORISSANT 100 is available in bottles (6x1 litre per carton) and jerry cans (4x5 litre per carton).</p> <p>FLORISSANT 200 is available in jars of 250 tablets.</p> <p>FLORISSANT 210C is available in 250ml and 1 litre bottles</p> <p>FLORISSANT 600 is available in three different pack sizes: one ready to use in 200 Litre drums and 2 concentrated forms.</p> <ol style="list-style-type: none"> 1. 200 Litre drum stock solution. Dosed at 10 ml/litre it is effectively 20,000 Litre ready to use solution. 2. concentrated GEL packed in a 5 Litre jerry cans. One jerry can is sufficient to make 40 Litre stock solution. Dosed at 10 ml/Litre it is effectively 4,000 Litre ready to use solution. <p>Two cans are packed in one box and weighs 11.4 kilo only.</p>

3. concentrated set of 2 components. One set is sufficient for 100 Litre stock solution. Dosed at 10ml/Litre it is effectively 10,000 Litre ready to use solution. One set is packed in one box and weighs 13,5 kilo

Precautions

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.

All 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.