



Treatment for Gypsophila

- Introduction** After harvesting Gypsophila flowers are very sensitive to ethylene. And all flowers cut in bud also face major problems like vascular plugging, premature aging and flowering stagnation.
- 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.
It is most important that vascular plugging does not occur. Only when vascular plugging is avoided the flowers can absorb the nutrients needed to force them into bloom. Clean water and the use of Florissant 400C New Formula can effectively solve this problem. It is to be used in combination with sugar and Florissant 100 to prevent from premature aging and give full bloom.
- Effects** FLORISSANT 100 inhibits the effect of internal ethylene production by the flower and protects against external ethylene coming from secondary sources. Once treated, the flower will no longer respond negatively to ethylene
FLORISSANT 400C New Formula suppresses bacterial growth thus preventing vascular plugging and stimulating the water uptake. Sugar should be added to force the buds into bloom.
Consequently premature shrinking, petal drop and incomplete flowering are avoided; vase-life is prolonged and the ornamental value is improved.
- Post harvest** Post-harvest treatment with FLORISSANT 100 and FLORISSANT 400C New Formula 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.
Then place the flowers in the FLORISSANT 400C (+30 gram sugar) solution immediately after the first treatment..

Do not use water or chlorine first. The treatment time varies from 2 to 72 hours depending on the maturity stage at harvesting.

- If treatment at the same time is required, prepare solutions as described in the above and add the Florissant 400C + sugar to the Florissant 100 solution. This will turn into a cloudy solution.

Neutralization	Residual solutions of Florissant 400C New Formula with or without sugar may be drained off in the sewer. If mixed with Florissant 100 neutralization 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	Flowers which have been treated properly during post harvest with Florissant 100/400C/sugar at the recommended rate can be rehydrated with FLORISSANT 500. This is an ideal product for the rehydration of Gypsophila after dry transport as it kills bacteria.
Storage	FLORISSANT 500 is an ideal product to be used during storage as it kills of bacteria.
Vase	Florissant cut flower food is to be used at a consumer level to open the flowers and to bring the flowers to full bloom. <i>Note: Florissant Flower Food is available in 4kg packs and consumer sachets.</i>
Dosage	FLORISSANT 100: Shake the container before use and add 2ml per litre water. Stir gently and use the solution for a maximum of 5 days. Shake before use and add 2ml FLORISSANT 400C New Formula per litre water. Add 30 gram sugar per litre of water. Stir gently and use the solution for a maximum of 1 week. <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> <i>Never mix an old solution with a fresh one. Florissant 100 gives an acid solution which should be used in contact with acid-proof pumps, hoses, etc. only. Avoid any contact of the concentrate and the ready-to-use solution with metals.</i>
Packing	FLORISSANT 100 is available in bottles (6x1 litre per carton) and jerry cans (4x5 litre per carton). FLORISSANT 400C New Formula is available in jerry cans; 4x5 litre per carton FLORISSANT 500 is available in jars of 1,000 tablets. 12 jars/box.
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.