



FLORISSANT® 600

- ✓ Post Harvest Treatment product
- ✓ For roses
- ✓ Unique one component GEL formula
- ✓ Contains wetting agent, quats and bactericide
- ✓ To be used by growers and importers

Effects

- ✓ Lowers pH
- ✓ Suppresses bacteria growth
- ✓ Avoids vascular plugging
- ✓ Stimulates water uptake
- ✓ Stimulates water uptake after dry transport
- ✓ Reduces bent-neck and premature aging

Merits

- ✓ Prolongs vase life and increases ornamental value
- ✓ Solution can be re-used
- ✓ Easy to use
- ✓ Saves water and labour

Results

Post Harvest Treatment			Average Vaselife %
Grower	Trade	Consumer	
Water	Water	Water	100
Florissant 600	Water	Water	130
Florissant 600	Florissant 320	Water	160
Florissant 600	Florissant 320	Flowerfood	240

Roses are the most widely grown cut flower used for ornamental purposes. After harvesting roses face major problems such as vascular plugging, premature aging, 'bent-neck' and flowering stagnation. Insufficient hygiene, high temperatures and transporting flowers dry will increase these problems.

After cutting roses and other flowers certain processes within and outside the stem can cause vascular plugging, resulting in insufficient water uptake. Florissant 600 contains aluminium sulphate, a bactericide and a special wetting agent for lowering the water surface tension and a fat-like component for coating the inside of the wood vessel with a thin layer of fat. This thin layer is necessary after the dry transport stage to prevent air bubbles sticking on the wall, so the water can't pass the air bubbles.

The thin layer of fat also prevents irreversible dry-out of the membranes in the pits of the wood vessels. It is of paramount importance that these membranes do not dry out. Once a membrane is dried-out, the water cannot pass the membrane afterwards. The use of this type of wetting agent improves the water uptake at least five-fold (see Figure 1). Insufficient water uptake is the cause of bent-neck and a failure of the buds to open.

Effects

FLORISSANT 600 is a unique hydrating solution for roses. It lowers pH and stimulates water uptake. It neutralizes harmful processes such as bacteria growth within and outside the stems to avoid vascular plugging. Consequently premature aging, 'bent-neck' and incomplete flowering are avoided and vase life is prolonged.

Dosage

First make a stock solution. Shake the container well until the content has homogenized completely. Pour the total content of one container into 35 liters of water and stir well. Then add 10ml of FLORISSANT 600 stock solution per liter water. Stir gently and use the solution for a maximum of 3 days.

Note: Always use clean buckets and clean tap water. 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. Avoid any contact of the concentrate and the ready-to-use solution with metals.

Treatment

Prepare the FLORISSANT 600 solution just before harvesting. Place the freshly cut flowers in the FLORISSANT 600 solution for at least 4 hours. FLORISSANT 600 does not contain flower food, therefore keep treatment limited to a maximum of 3 days.

Packing

FLORISSANT 600 is available as a concentrated GEL in jerry cans (2x5,7 kg per carton).

Precautions

FLORISSANT 600 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.

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

Additional information and a protocol per flower go to www.ufosupplies.nl