



SICOMIX[®] SRF nr. 11 NPK (MgO) 17.5-17.5-10.5 (9) **in tablets or powder**

*Slow release blended NPK fertiliser containing urea formaldehyde
for balcony flowers, geranium, roses, forest and fruit nursery planting,
fruit trees and shrubs*

Origin E.U.

1/ DESCRIPTION

SICOMIX[®] SRF NPK 17.5-17.5-10.5 + 9 MgO contains special nutrient compounds ensuring a balanced nutrition of perennial crop plants with all macronutrients for a period of 1 to 2 years.

SICOMIX[®] SRF NPK 17.5-17.5-10.5 + 9 MgO is a slow release fertiliser. The slow release period depends on:

- Composition of fertilizer (especially on the content of Urea-formaldehyde in formulation). Usual releasing period of nutrients is assessed to 1 - 2 years depending on the further climate and soil effects. Note, please, the real releasing time of the individual nutrients is not the same and proportional (see further) !
- pH of the soil
- Humidity of the soil
- Microbiological activity of the soil
- Average year temperature of the soil

SICOMIX[®] SRF NPK 17.5-17.5-10.5 + 9 MgO stimulates rooting and optimal plant growth because of its slow solubility and controlled nutrient release.

2/ CONTENTS & PRODUCT ANALYSIS

| * Macronutrients | % |
|---|----------|
| Total nitrogen (N) | 17.5 |
| Urea formaldehyde nitrogen (N) | 11.0 |
| soluble in cold water | 4.4 |
| soluble in hot water | 4.2 |
| Ureic nitrogen (N) | 3.0 |
| Ammonium nitrogen (N) | 2.0 |
| Nitrate nitrogen (N) | 1.5 |
| Phosphorus (P2O5) | |
| soluble in neutr. ammonium citrate and in water | 17.5 |
| soluble in water | 12.0 |
| Potassium (K2O) water soluble | 10.5 |
| Magnesium Oxide (MgO) | 9.0 |
| Sulphur (S) | 0.2 |

*** Physico chemical properties**

Appearance : color= beige solid
Form : - tablets of 5 gram, 10 gram or 15 gram
 - powder
pH : neutral to slightly alkaline

3/ BENEFITS

*** Safe and easy application**

- The nutrients are optimally placed in the root zone ensuring proper nutrient uptake even in soils with a dry surface.
- Minimized nutrient fixation in the soil.
- High safety to plants due to compatability and continuous slow nutrient release.
- Tablet form provides easy and precise dosage of nutrients, therefore prevention of mistakes in dosage.
- Reduced time and labor costs with the quick and easy single application process.
- Pail packaging of material facilitates easier access and application in areas of difficult terrain.
- Nutrients supplied in accordance with the plants requirements by a balanced starter and controlled release effect.



**PRODUCT INFO
& DATASHEET**

*** Ecology**

- No nutrient washing or leaching in hillside positions or during heavy rainfall due to the tablets application to the root zone and its slow solubility in water.

*** Commercial success**

- Reduced rates of losses due to undernourished young plants thereby reducing replanting costs.
- Optimum stimulation of plant growth and reduced cost of weed control measures.
- Reduced labor cost by single application and long-lasting efficiency.

4/ GENERAL INFORMATION

on our SICOMIX SRF line of slow release fertilisers in tablets and powder and fertilisers application advise can be provided on request.

5/ STORAGE & SAFETY

- non-toxic, non-flammable, non-explosive
- keep in a dry place, avoid moisture, away from direct sunlight

6/ PACKAGING

- 5 kg or 7.5 kg pe pails (bucket)
- 10 kg paper cartons