



SICOMIX[®] SRF nr. 1 NPK (MgO) 5.5-5.5-20 (7) **(powder)**

Slow release blended NPK fertiliser containing urea formaldehyde for forest planting, ornamentals, fruit trees and shrubs, conifers.

Origin E.U.

1/ DESCRIPTION

SICOMIX[®] SRF NPK 5.5-5.5-20 + 7 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 5.5-5.5-20 + 7 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 5.5-5.5-20 + 7 MgO stimulates rooting and optimal plant growth because of its slow solubility and controlled nutrient release.

2/ CONTENTS & PRODUCT ANALYSIS

| * <u>Macronutrients</u> | % |
|-------------------------------------------------|----------|
| Total nitrogen (N) | 5.5 |
| Urea formaldehyde nitrogen (N) | 3.1 |
| soluble in cold water | 1.2 |
| soluble in hot water | 1.2 |
| Ureic nitrogen (N) | 2.4 |
| Phosphorus (P ₂ O ₅) | |
| soluble in neutr. ammonium citrate and in water | 5.5 |
| soluble in water | 4 |
| Potassium (K ₂ O) water soluble | 20 |
| Magnesium Oxide (MgO) | 7 |
| Sulphur (S) | 5.5 |

*** Physico chemical properties**

| | |
|------------|---------------------|
| Appearance | : color= beige |
| Form | : powder |
| pH | : 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.

*** 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.



**PRODUCT INFO
& DATASHEET**

*** 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

- 20 kg wpp+pe bags