

TECHNICAL SHEET

Nutricote® Micro Total

The smallest micro-prill available, with 350 prills per gram, to provide good prill counts in small containers even at lower rates.

Nutricote® Micro Total

12 N + 5.2 P + 10 K

(elemental)

+ **trace nutrients**

Nutrient analysis

Nitrogen (N)	12%
<i>NH₄⁺ Nitrogen</i>	5.5%
<i>NO₃⁻ Nitrogen</i>	6.5%
Phosphorus (P)	5.1%
<i>as water soluble</i>	4.3%
Potassium (K)	10.2%
<i>as Potassium Nitrate</i>	
Calcium (Ca)	0.1%
<i>as Phosphates</i>	
Iron (Fe)	0.2%
Manganese (Mn)	0.06%
Copper (Cu)	0.05%
Zinc (Zn)	0.015%
Boron (B)	0.02%
Molybdenum (Mo)	0.02%

10 kg bags

With its extremely small prill size, Nutricote® Micro Total is ideal for incorporation in seed raising mixes, root trainers or as a topical dressing to media or soil.

Nutricote® Micro Total formulations contain moderate N with good levels of P & K, for controlled plant growth in small containers.

Unique coating

A totally new technology has been developed for Nutricote's resin coating process.

- All granules receive exactly the same thickness of coating, whether the product is to last 2 or 18 months.
- The release rate is controlled by a releasing agent, which is added to the resin. The amount of release agent in the coating determines how porous the coating is, which determines how fast the nutrients will diffuse into the root zone.
- Nutrient release is independent of soil moisture, soil type, soil pH or microbiological activity.
- The nutrient release is moderately affected by temperature, which keeps the rate of release synchronised with the rate of plant growth.

Highest quality NPK fertiliser

Only the highest quality soluble NPK components are used in Nutricote®.

- No chloride or sulphate, as fertilisers containing these cause a harmful increase in the salt levels of potting mixes and also affect pH levels.
- Every prill contains the whole package of nutrients in the same concentrations for a homogeneous application.
- Uniform size, coating thickness and shape of every prill, which allows a consistent and accurate nutrient release. It also helps the grower or potting mix producer to achieve a uniform mixture of fertiliser.
- Non brittle thermoplastic coating that does not crack or break.

High safety

Probably the most important feature of Nutricote® is the high degree of plant safety offered. Due to the near perfect coating and the exact control of release, Nutricote® provides a very high level of security to the grower.

With no flash release of nitrogen and no erratic surges of release, Nutricote® offers more safety than most similar products on the market today.



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Influence of media temperature on release time

Media / soil temperature	Nutrient release time (days)	
	Nutricote® Micro 70 day	Nutricote® Micro 140 day
11°C	100	200
16°C	85	170
21°C	70	140
26°C	55	110
31°C	40	80

Nutricote® Micro Total contains 350 prills per gram, to provide good prill counts in small containers, even at lower rates. For example, 0.75 kg / m³ will provide 26 prills per 100 mL of media.

Recommendations for use

Incorporation in growing media

- Light to medium feeding: 0.75-1.5 kg / m³
- Medium to heavy feeding: 1.5-2.0 kg / m³

Surface applied to beds or soil

- Light feeding: 5-10 g / m² (0.5-1 kg / 100 m²)
- Medium feeding: 10-20 g / m² (1-2 kg / 100 m²)
- Heavy feeding: 20-30 g / m² (2-3 kg / 100 m²)

Top feeding of containers

- For preparation of potting mixes, Nutricote® Micro Total should be evenly mixed before planting.
- For top dressing, Nutricote® Micro Total should be evenly spread on the bed or container surface.

The recommended rates are for substrates containing no nutrients. If other fertilisers are to be added, the recommended rates of Nutricote® Micro Total should be reduced accordingly.

PB bag sizes

	Volume (L)
PB3	1.7
PB5	2.8
PB6½	3.6
PB8	4.6
PB12	6.8
PB18	10.2
PB28	16
PB40	22
PB95	50



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