

Nutrafeed Soluble Fertilisers for Container Grown Orchids

Orchids grown in a variety of containers and media, must be kept regularly supplied with nutrients to replace those leaching freely away from their "root" zone.

NUTRAFEED 23 and NUTRAFEED KESTREL, soluble nutrients have been designed for use on containerised plants, and are particularly suited to the needs of most orchid varieties.

	NUTRAFEED 23	NUTRAFEED KESTREL
<i>N</i>	23.9	14.1
<i>P</i>	4	4.8
<i>K</i>	19	22.8
<i>S</i>	0	4.7
<i>Fe</i>	0.034	0.12
<i>Mn</i>	0.017	0.093
<i>Zn</i>	0.006	0.042
<i>B</i>	0.009	0.041
<i>Cu</i>	0.017	0.014
<i>Mo</i>	0.00023	0.004

NUTRAFEED 23 is to be used on orchids during periods of increased growth, i.e., during the warmer months of the year. It is high in nitrogen and potassium and contains maintenance levels of iron, manganese, zinc, boron, copper and molybdenum.

NUTRAFEED KESTREL is recommended for use on all flowering orchids. Further, it is used during the colder months of the year for its higher K:N ratio. It complements the use of NUTRAFEED 23, "hardening" plants and making them more resistant to lower temperatures. The high level of potassium (K) in NUTRAFEED KESTREL is important in increasing plant resistance to stressful conditions, eg. cold. Trace elements are also present in maintenance levels.

Plant Development Phases:

Two main plant development phases are observed with orchids - a growth or vegetative phase and a bloom or flowering cycle.

During the growth phase, orchids use a higher nitrogen (N) to potassium (K) ratio (N:K) eg. NUTRAFEED 23.

The flowering cycle of orchids requires a higher potassium (K) to nitrogen (N) ratio (K:N) eg. NUTRAFEED KESTREL.

Recommended rate for orchid growers:

(These rates are approximate only and may have to be adjusted to meet exact requirements of different species.)

For containerised orchids, NUTRAFEED KESTREL recommends that nutrient solutions be up to 4g/L in concentration ie. a 0.4% solution (refer to application schedule overleaf).



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The recommendations below are divided into two seasons - the Summer season (late Winter to late Autumn) and Winter season (late Autumn to late Winter).

Water orchids until media is thoroughly soaked.

As there are no chlorides present in NUTRAFEED 23 and NUTRAFEED KESTREL, there will be no problems with salt accumulation within pots. Leaching or flushing of the pots is therefore not a necessity.

Summer Application Schedule:

- | | |
|-------------------|---------------------|
| 1. Twice per week | 2.0g/L or 200g/100L |
| 2. Weekly | 3.0g/L or 300g/100L |
| 3. Fortnightly | 4.0g/L or 400g/100L |

Winter Application Schedule:

- | | |
|----------------|---------------------|
| 1. Weekly | 1.5g/L or 150g/100L |
| 2. Fortnightly | 2.0g/L or 200g/100L |

Further Information

For further information on NUTRAFEED or any other Paton products
phone Paton's freecall
1800 644 753

(nsf008)



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