



**PRODUCT INFO
& DATASHEET**

Certificate of analysis

SICOGREEN[®]* DRIP

Line of water soluble NPK fertilisers for drip fertigation

07/2023

SICOGREEN[®] DRIP is a range of 6 special NPK formulas for drip irrigation. Delivery of fertilisers through the irrigation system provides maximum efficiency of the applied nutrients, as they are directed to the zone of most intensive root activity.

SURVEY OF AVAILABLE FORMULAS

| NPK Drip | N-P2O5-K ratio | Formula | Chloride Content |
|---------------------|-----------------------|-------------------------------------|-------------------------|
| 1/ SICOGREEN-P DRIP | 1-3-1 | 13-40-13 | 7.5% |
| 2/ SICOGREEN-K DRIP | 2-1-3 | 16-8-32 + 2 MgO | 10% |
| 3/ SICOGREEN-B DRIP | 1-1-1 | 18-18-18 + 13 SO ₃ | 10% |
| 4/ SICOGREEN-B DRIP | 1-1-1 | 20-20-20 | 11% |
| 5/ SICOGREEN-N DRIP | 5-1-1 | 25-5-5 + 2 MgO + 31 SO ₃ | 4% |
| 6/ SICOGREEN-K DRIP | 1-1-3 | 12-12-36 + 5 SO ₃ | 7.5% |

The use of chloride in water soluble formulas is very special for us. Therefore we need a min. order of 1 x 20' fcl = 24 MT per formula.

* This range also exists under our other brands for water soluble NPK's DAVYSOL/PRIMOSOL/LOUSOL/PROFISOL/MAESOL

See certificates of analysis enclosed.



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1/ Typical certificate of analysis 13-40-13

EC-FERTILISER NPK-Fertiliser

| | | |
|--|-----|--------------------------------------|
| Total nitrogen (N) (%) | 13 | EN 15750 (Derived method) |
| Ammoniacal nitrogen (N) (%) | 7.8 | EN 15604 (Derived method) |
| Ureic nitrogen (N) (%) | 5.2 | EN 15604 (Derived method) |
| Phosphorus pentoxide (P2O5) soluble in water (%) | 40 | EN 15958 + EN 15959 (Derived method) |
| Potassium oxide (K2O) soluble in water (%) | 13 | EN 15477 (Derived method) |
| Chloride (Cl) (%) | 7.5 | |

2/ Typical certificate of analysis 16-8-32

EC-FERTILISER NPK(Mg)-Fertiliser

| | | |
|--|-------|--------------------------------------|
| Total nitrogen (N) (%) | 16 | EN 15750 (Derived method) |
| Nitric nitrogen (N) (%) | 3.95 | EN 15604 (Derived method) |
| Ureic nitrogen (N) (%) | 12.05 | EN 15604 (Derived method) |
| Phosphorus pentoxide (P2O5) soluble in water (%) | 8 | EN 15958 + EN 15959 (Derived method) |
| Potassium oxide (K2O) soluble in water (%) | 32 | EN 15477 (Derived method) |
| Magnesium oxide (MgO) soluble in water (%) | 2 | EN 15961 + EN 16197 (Derived method) |
| Chloride (Cl) (%) | 10 | |

3/ Typical certificate of analysis 18-18-18

EC-FERTILISER NPK(S)-Fertiliser

| | | |
|--|------|--------------------------------------|
| Total nitrogen (N) (%) | 18 | EN 15750 (Derived method) |
| Ammoniacal nitrogen (N) (%) | 6.6 | EN 15604 (Derived method) |
| Ureic nitrogen (N) (%) | 11.4 | EN 15604 (Derived method) |
| Phosphorus pentoxide (P2O5) soluble in water (%) | 18 | EN 15958 + EN 15959 (Derived method) |
| Potassium oxide (K2O) soluble in water (%) | 18 | EN 15477 (Derived method) |
| Sulphur trioxide (SO3) soluble in water (%) | 13 | EN 15961 + EN 15749 (Derived method) |
| Chloride (Cl) (%) | 10 | |

4/ Typical certificate of analysis 20-20-20

EC-FERTILISER NPK-Fertiliser

| | | |
|--|------|--------------------------------------|
| Total nitrogen (N) (%) | 20 | EN 15750 (Derived method) |
| Nitric nitrogen (N) (%) | 1.6 | EN 15604 (Derived method) |
| Ammoniacal nitrogen (N) (%) | 4 | EN 15604 (Derived method) |
| Ureic nitrogen (N) (%) | 14.4 | EN 15604 (Derived method) |
| Phosphorus pentoxide (P2O5) soluble in water (%) | 20 | EN 15958 + EN 15959 (Derived method) |
| Potassium oxide (K2O) soluble in water (%) | 20 | EN 15477 (Derived method) |
| Chloride (Cl) (%) | 11 | |

5/ Typical certificate of analysis 25-5-5

EC-FERTILISER NPK(Mg)(S)-Fertiliser

| | | |
|--|------|--------------------------------------|
| Total nitrogen (N) (%) | 25 | EN 15750 (Derived method) |
| Ammoniacal nitrogen (N) (%) | 10.5 | EN 15604 (Derived method) |
| Ureic nitrogen (N) (%) | 14.5 | EN 15604 (Derived method) |
| Phosphorus pentoxide (P2O5) soluble in water (%) | 5 | EN 15958 + EN 15959 (Derived method) |
| Potassium oxide (K2O) soluble in water (%) | 5 | EN 15477 (Derived method) |
| Magnesium oxide (MgO) soluble in water (%) | 2 | EN 15961 + EN 16197 (Derived method) |
| Sulphur trioxide (SO3) soluble in water (%) | 31 | EN 15961 + EN 15749 (Derived method) |
| Chloride (Cl) (%) | 4 | |

6/ Typical certificate of analysis 12-12-36

EC-FERTILISER NPK(S)-Fertiliser

| | | |
|--|------|--------------------------------------|
| Total nitrogen (N) (%) | 12 | EN 15750 (Derived method) |
| Nitric nitrogen (N) (%) | 5.8 | EN 15604 (Derived method) |
| Ammoniacal nitrogen (N) (%) | 2.35 | EN 15604 (Derived method) |
| Ureic nitrogen (N) (%) | 3.85 | EN 15604 (Derived method) |
| Phosphorus pentoxide (P2O5) soluble in water (%) | 12 | EN 15958 + EN 15959 (Derived method) |
| Potassium oxide (K2O) soluble in water (%) | 36 | EN 15477 (Derived method) |
| Sulphur trioxide (SO3) soluble in water (%) | 5 | EN 15961 + EN 15749 (Derived method) |
| Chloride (Cl) (%) | 7.5 | |

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