



**PRODUCT INFO
& DATASHEET**

CERTIFICATE OF ANALYSIS

12/2018

***SICOLEAF liquid NPK 2-10-10 +
5% Amino Acids (w/w)***

1/ CHEMICAL DATA

| | | | | |
|---------------------------------|---|----------------|-----|-----|
| Nitrogen (N) | : | 2.2 % w/v | 22 | g/l |
| Organic N | : | 2.0 % w/v | | |
| Carbamide N | : | 0.2 % w/v | | |
| Phosphorus (P2O5)** | : | 12.0 % w/v | 120 | g/l |
| Potassium (K2O)** | : | 12.0 % w/v | 120 | g/l |
| Boron (B) | : | 0.3 % w/v | 3 | g/l |
| Molybdenum (Mo) | : | 0.24 % w/v | 2.4 | g/l |
| Total Amino Acids (AA) | : | 5.00 % w/v | 50 | g/l |
| <u>Free Amino Acids</u> | : | <u>percent</u> | | |
| Aspartic Acid | : | 0.33 | | |
| Glutamic Acid | : | 2.257 | | |
| Alanine | : | 0.39 | | |
| Arginine | : | < 0.02 | | |
| Glycine | : | 0.077 | | |
| Histidine | : | < 0.02 | | |
| Isoleucine | : | < 0.02 | | |
| Leucine | : | 0.034 | | |
| Lysine | : | 0.027 | | |
| Methionine | : | < 0.02 | | |
| Phenylalanine | : | < 0.02 | | |
| Serine | : | 0.017 | | |
| Threonine | : | 0.018 | | |
| Tyrosine | : | < 0.02 | | |
| Valine | : | 0.05 | | |
| Betaines | : | 2.00 % w/v | 20 | g/l |
| Kinetin | : | < 0.05 % w/v | | |
| GA3 | : | < 0.05 % w/v | | |

**derived from tetra potassium pyrophosphate

2/ PHYSICAL DATA

| | | |
|---------------------|---|-----------------------|
| Appearance | : | brown liquid |
| Odour | : | distinctive |
| Solubility in water | : | 100 % |
| Bulk density | : | 1.20 per litre +/- 5% |
| pH 1:100 w/v | : | 9 – 10 |

3/ TYPICAL USAGE RATE

1 litre per ha, every 7-10 days

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