

Nutrients values found in:

- Biostimulant
- “Black Angel”

Mineral		Biostimulant	Black Angel
Unit		Result Substance	Result Substance
Physico-chemical parameters			
Moisture	%	<b>95.20</b>	83.4
organic matter	%	<b>3.40</b>	11.3
Residue on ignition 550°C	%	<b>1.40</b>	5.3
<b>Value-determining components</b>			
nitrogen - total (N)	%	<b>0.2 – 1.0</b>	1-3
total Phosphat (P2O5)	%	<b>1 – 2</b>	2-9
total potassium (K2O)	%	<b>4</b>	4-7
Calcium (CaO)	%	<b>1.20</b>	8.7
magnesium (MgO)	%	<b>0.56</b>	0.91
Sulfur - total (S)	%	<b>0.41</b>	2
Sodium (Na)	%	<b>5.10</b>	1.2
<b>Trace nutrients</b>			
Boron (B)	mg/kg	<b>12.30</b>	83.3
Copper (Cu)	mg/kg	<b>5.00</b>	132
Iron (Fe)	mg/kg	<b>364.00</b>	1880
Manganese (Mn)	mg/kg	<b>128.00</b>	355
Molybdenum (Mo)	mg/kg	<b>5.00</b>	48
Zinc (Zn)	mg/kg	<b>314.00</b>	326
<b>Trace nutrients / Heavy metals</b>			
Arsenic (As)	mg/kg	<b>0.17</b>	0.33
Lead (Pb)	mg/kg	<b>0.05</b>	0.17
Cadmium (Cd)	mg/kg	<b>0.01</b>	0.03
Chromium (Cr)	mg/kg	<b>0.24</b>	1.16
Nickel (Ni)	mg/kg	<b>0.24</b>	0.83
Mercury (Hg)	mg/kg	<b>0.00</b>	0.01

As can be visible, the NPK values are in ranges since they are subject to the food waste composition. If specific NPK values are needed, then this can be obtained by us through a selection of organic mass for the fermentation process.