

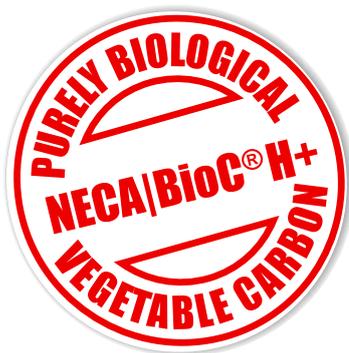


## NECA | bioC<sup>®</sup> H+

### Vegetable carbon with humate complex

**NECA | bioC<sup>®</sup> H+** is a high-quality natural vegetable carbon with an applied humate complex as a highly innovative Bio-Effector. **NECA | bioC<sup>®</sup> H+** effectively supports plant growth, stimulates microbial activity and promotes the idea of Terra Preta (Portuguese for "black earth").

300-400m<sup>2</sup>/g inner surface of the vegetable carbon forms an ideal growth medium with a strong buffering effect for nutrients.



## NECA | bioC® H+

**NECA | bioC® H+** is a high-quality, natural and pure vegetable charcoal with a directly applied BioHumat® complex. Due to a surface activation by means of water vapour (approx. 920°C), this vegetable carbon has an inner surface 3-4 times larger than ordinary charcoal.

Due to the large inner pore system, positive effects are achieved through the balancing and binding effect of nutrients and trace substances. This positive property for plant cultivation is again clearly strengthened by the applied BioHumat® as a Bio-Effector. In practice, this means: particularly good root growth of plants and a significantly higher production of biomass.

### Applications of **NECA | bioC® H+**

- Crop production and agriculture
- Soil and compost production
- Production of plant additives
- Organic fertiliser production
- Structural support for potting soils
- Growing and carrier agent for nutrients and auxiliary substances

### Properties of **NECA | bioC® H+**



<b>Carbon:</b>	Charcoal, untreated
<b>Fixed carbon:</b>	>87% TM
<b>Mineral content:</b>	approx. 5-10% TM
<b>Biohumat®:</b>	approx. 15-20%
<b>Grain size:</b>	0,2-4mm predominantly in powder form with unstructured grain components

### Benefit now from the following advantages:

#### Plant cultivation, compost and soil production

- ✓ Large buffering effect - the storage capacity for plant-available nutrients and water is increased
- ✓ Very good structural improvement of the soil
- ✓ Visibly better plant growth due to applied BioHumat®-complex
- ✓ Strong root formation due to BioHumat® as a Bio-Effector
- ✓ Less mineral fertiliser required
- ✓ Binds additional CO<sub>2</sub>
- ✓ Supports the microbial soil structure