

BIO-Ingredients for a greener fertilizer industry



We are AgriTECH.BIO S.r.l., an Italian manufacturing company producing ingredients for agrotechnical applications. Our Hydrolysed Proteins, Amino Acids and Peptides are used in the production of organic fertilizers and bio-stimulants for the national Italian and international markets.

We produce natural, ecological, and residue-free ingredients ...

- obtained from recycled organic materials,
- transformed into renewable and biodegradable products,
- produced with a very low carbon footprint and minimal water consumption,
- produced with low-energy consumption and using 100% renewable energy,
- devoid of chemical preservatives and pesticides.

Amino acids & Peptides

| | | N tot. | P ₂ O ₅ | K ₂ O | C org. | L-Amino acids % | | pH | Organic farming |
|------------------------|--|--------|-------------------------------|------------------|--------|-----------------|-------|-----|-----------------|
| | | % w/w | % w/w | % w/w | % w/w | Free | Total | | |
| LIQUID – ANIMAL ORIGIN | Amino acids and desalinated peptides rich in amino nitrogen: | | | | | | | | |
| | PROTEIN-N 6.5 | 6,5 | 0,5 | 2,0 | 23 | 2 | 35 | 5,5 | EU, NOP |
| | PROTEIN-N 7.5 | 7,5 | 0,5 | 1,0 | 24 | 2 | 42 | 5,5 | EU, NOP |
| | PROTEIN-N 8.5 | 8,5 | 0,3 | 0,7 | 25 | - | 48 | 5,8 | EU, NOP |
| | PROTEIN-N 9.5 LS | 9,5 | 0,1 | 0,1 | 26 | - | 56 | 7,2 | EU, NOP |
| | PROTEIN-N 10.5 LS | 10,5 | 0,1 | 0,1 | 27 | 10 | 62 | 6,5 | EU, NOP |
| | Amino acids and Low Molecular Weight (LMW) peptides: | | | | | | | | |
| | DIAMIN® Basic | 7,5 | 1,0 | 1,0 | 23 | 8 | 41 | 5,2 | EU, NOP |
| | DIAMIN® Plus | 8,5 | 0,3 | 0,2 | 25 | 13 | 48 | 5,8 | EU, NOP |
| | DIAMIN® Power | 7,5 | 1,0 | 1,0 | 23 | 20 | 44 | 5,0 | EU, NOP |
| | DIAMIN® AminoMAX | 7,0 | 0,1 | 0,5 | 23 | 30 | 40 | 5,5 | EU, NOP |
| | DIAMIN® N9B | 8,8 | 0,1 | 0,1 | 13 | 24 | 30 | 3,5 | - |
| | DIAMIN® N9B Plus | 8,8 | 0,1 | 0,1 | 20 | 12 | 38 | 5,5 | - |
| | PROTEIN and DIAMIN are from edible proteins processed into ecological and residue-free ingredients | | | | | | | | |

LS: Low Salt

Content of free amino acids and total peptides measured by the HPLC method.

Customised formulations are available upon request.

Data sheets, detailed aminogram and further information are available upon request.



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| LIQUID – VEGETAL ORIGIN | | N tot. | P ₂ O ₅ | K ₂ O | C org. | L-Amino acids % | | pH | Organic farming |
|-------------------------|---|------------------------------------|-------------------------------|------------------|--------|-----------------|-------|-----|-----------------|
| | | % w/w | % w/w | % w/w | % w/w | Free | Total | | |
| | | GLUTENAMIN[®] N6.5 | 6,5 | 0,15 | 0,08 | 28 | - | 50 | 6,5 |
| | GLUTENAMIN[®] NK | 5,5 | 0,20 | 3,00 | 30 | - | 24 | 5,5 | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | GLUTENAMIN is from vegetable materials processed into clean, environmentally sustainable ingredients. | | | | | | | | |

Content of free amino acids and total peptides measured by the HPLC method.
Customised formulations are available upon request.
Data sheets, detailed aminogram and further information are available upon request.

Protein Mineral Complexes

| LIQUID – ANIMAL ORIGIN | | N tot. | C ^{org} | L-Amino-acids % | | Meso- & Micronutrients | pH |
|------------------------|-----------------------------|---------------------------|------------------|-----------------|-------|--|--------|
| | | % w/w | % w/w | Free | Total | | |
| | | Calcium Proteinate | 3,5 | 11 | 10 | 18 | CaO 8% |
| | Iron Proteinate | 2,5 | 6,5 | 4 | 12 | Fe 5% | 6,3 |
| | Magnesium Proteinate | 2,0 | 6,5 | - | 12 | Mg 4% | 5,5 |
| | Zinc Proteinate | 3,3 | 11 | 3 | 18 | Zn 6% SO ₄ 10,6% | 6,0 |
| | Microvega | 2,0 | 8,5 | - | 16 | Fe 1% Mn 1% Zn 1% Mo 0,05% B 0,5% | 6,0 |
| | Microfoliar | 3,3 | 11 | - | 22 | Mg 2% Zn 1% Mn 0,5% | 6,0 |
| | Microcomplex | 4,0 | 13 | - | 26 | B 1,5% Fe 1% Mg 0,8% Mn 0,1% Zn 0,1% Mo 0,001% | 4,5 |
| | Microcomplex Basic | 7,5 | 22 | 16 | 42 | Fe 0,2% Mn 0,1% B 0,05% Zn 0,01% Mo 0,005% Co 0,001% | 6,3 |

Content of free amino acids and total peptides measured by the HPLC method.
Customised formulations are available upon request.
Data sheets, detailed aminogram and further information for the entire range are available upon request.

AgriTECH.BIO Ingredients are guaranteed ...

- with high concentration of amino acids and short-chain peptides,
- rich in high-purity active ingredients,
- of high-standard quality and long shelf life,
- without microbial contamination.

Join us on our journey with all those who care and live sustainably!

