

ORGANIC FERTILISERS

for professional farming

Organic
fertilisers
from an expert.



FERTILISERS



CREATING GREENER GROWTH

PART OF **BIOLAN** GROUP

Novarbo Arvo granular organic fertilisers

Novarbo Arvo organic fertilisers improve soil fertility and crop yield. Our fertiliser mixes are pure, organic products. In addition to the primary nutrients, they contain micro-nutrients. Organic Arvo fertilisers can be used on the field and in the garden.



Novarbo Arvo 3-1-7-3

An organic fertiliser for potatoes and root vegetables. Contains chicken manure and potassium sulphate. Nitrogen (N) 3 %, phosphorus (P) 1 %, potassium (K) 7 %, sulphur (S) 3 %

Novarbo Arvo 3-1-10-4

An organic fertiliser for potatoes and grass. Contains chicken manure and potassium sulphate. Nitrogen (N) 3 %, phosphorus (P) 1 %, potassium (K) 10 %, sulphur (S) 4 %

Novarbo Arvo 3-1-15-5

An organic fertiliser for peas, grass and faba beans. Contains chicken manure and potassium sulphate. Nitrogen (N) 3 %, phosphorus (P) 1 %, potassium (K) 15 %, sulphur (S) 5 %

Novarbo Arvo 4-1-3-1

An organic fertiliser for fields and gardens. Contains chicken manure. Nitrogen (N) 4 %, phosphorus (P) 1 %, potassium (K) 3 %, sulphur (S) 1 %

Novarbo Arvo 4-1-6-2

An organic fertiliser for berries. Contains chicken manure and potassium sulphate. Nitrogen (N) 4 %, phosphorus (P) 1 %, potassium (K) 6 %, sulphur (S) 2 %

Novarbo Arvo 8-1-2-1

An organic fertiliser for grain. Contains chicken manure and blood meal. Nitrogen (N) 8 %, phosphorus (P) 1 %, potassium (K) 2 %, sulphur (S) 1 %

FERTILISER	RECOMMENDED CROPS	kg/ha
NOVARBO ARVO 3-1-7-3	Potatoes, root vegetables	1300-4000
NOVARBO ARVO 3-1-10-4	Potatoes, grass	500-2600
NOVARBO ARVO 3-1-15-5	Peas, faba beans, grass	500-1000
NOVARBO ARVO 4-1-3-1	General-purpose fertiliser, open field vegetables	1000-5000
NOVARBO ARVO 4-1-6-2	Berries	400-1700
NOVARBO ARVO 8-1-2-1	Grain	500-1500
NOVARBO ARVO 8-1-5-2	Fiber hemp, grain	500-1500
NOVARBO ARVO 13-0-8-3	Spinach, cabbage, golf course lawns	1100-2000
NOVARBO PATENTKALI	Supplement fertiliser	50-250
NOVARBO POTASSIUM SULPHATE	Supplement fertiliser	50-250

The application rate has been calculated on the basis of the need of nitrogen. The fertiliser application rate also depends on the soil's humus content and green manuring. Approximately 75% of the nitrogen in the organic Arvo fertilisers is released during the first growing season, depending on the conditions. Fertilising regulations must be observed when using fertilisers. The volume weight of Arvo fertilisers is about 660 kg/m³, except for Arvo 3-1-15-5, whose volume weight is about 770 kg/m³



Novarbo Aino liquid organic fertilisers

Nitrogen fertiliser concentrate, Aino 5-0-0 and nitrogen-potassium fertiliser concentrate Aino 3-0-3 and Aino 1-0-3 are all suitable for use as a supplementary fertiliser in organic production. The fertilisers ensure that the supply of nutrients to the vegetable seedlings is sufficient and that the nutrient levels of the greenhouse vegetables are maintained during the heavy yield stress. Aino liquid fertilisers can be used for vegetables, such as cucumbers, tomatoes and bell peppers, for the whole growing season and as extra fertilisation of green areas

Aino Seaweed Extract is an organic care product that stimulates plant growth and improves nutrient absorption and the plants' resistance against sub-zero temperatures. It also makes plants more resistant against pests and fungal diseases. The extract contains growth hormones and substances that increase the solubility of micronutrients.

Novarbo Arvo 8-1-5-2

An organic fertiliser for fiber hemp and grain. Contains chicken manure, blood meal and potassium sulphate. Nitrogen (N) 8 %, phosphorus (P) 1 %, potassium (K) 5 %, sulphur (S) 2 %

Novarbo Arvo 13-0-8-3

An organic fertiliser for spinach, cabbage and golf course lawns. Contains blood meal and potassium sulphate. Nitrogen (N) 13 %, phosphorus (P) 0 %, potassium (K) 8 %, sulphur (S) 3 %

Novarbo Patentkali

A supplementary fertiliser containing potassium, sulphur and magnesium. Potassium (K) 25 %, sulphur (S) 17 %, magnesium (Mg) 6%, chlorine (Cl) <3%

Novarbo Potassium Sulphate

A supplementary fertiliser containing potassium and sulphur. Potassium (K) 42 %, sulphur (S) 18 %, chlorine (Cl) < 1 %



Figure 1:1

Aino 5-0-0

A liquid fertiliser for organic plant production. Nitrogen (N) 5 %, phosphorus (P) 0 %, potassium (K) 0 %

Aino 3-0-3

A liquid fertiliser for organic plant production. Nitrogen (N) 3 %, phosphorus (P) 0 %, potassium (K) 3 %

Aino 1-0-3

A liquid fertiliser for organic plant production. Nitrogen (N) 3 %, phosphorus (P) 0 %, potassium (K) 3 %

Aino Seaweed Extract

A liquid fertiliser for organic plant production. Potassium (K) 0.6 %. Organic matter content 50% Auxin, abscisic acid, betaine, growth hormones and cytokinin.




FERTILISER	RECOMMENDED CROPS	APPLICATION RATE
NOVARBO AINO 5-0-0	Organic plant production	0,2 - 1,0 %
NOVARBO AINO 3-0-3	Organic plant production	0,2 - 1,0 %
NOVARBO AINO 1-0-3	Organic plant production	0,2 - 1,0 %
NOVARBO AINO SEAWEED EXTRACT	Organic plant production	0,5 - 3,0 %



Package sizes: Aino fertiliser: 25 litre canister and 1000 litre container
 Aino seaweed extract: 25 litre canister
 Arvo fertilisers: 25 kg bag and 600 kg large bag

Novarbo – Creating Greener Growth

Novarbo Oy is an expert in substrates and greenhouse technology for professional use. In addition to domestic sales, Novarbo exports to nearly 60 countries. We are part of the Finnish Biolan Group. Our substrates are suited for both traditional and organic professional cultivation, and we also make organic fertilisers. As for greenhouse technology, we offer Vertical Farming solutions and Cooling & Heat Reuse solutions for greenhouse climate control that save energy and increase crop yields.

-  GREENHOUSE TECHNOLOGY
-  GROWTH SUBSTRATES
-  FERTILISERS

