

WUXAL® Ascofol Zn

BY AGLUKON

Natural seaweed suspension rich in specific micronutrients and naturally occurring growth regulators

Description

WUXAL Ascofol Zn is a highly concentrated natural seaweed suspension extracted from the brown algae *Ascophyllum nodosum*. In order to preserve the biological activity of the active ingredients, fresh product is harvested by hand and the extract obtained by a particularly soft extraction technology.

The suspension formulation allows easy handling in comparison to powder products which are usually slowly soluble and highly hygroscopic.

WUXAL Ascofol Zn has a stimulating effect upon plants under physiological stress in their early growth and with particularly high Zinc demand. The high Zinc content is crucial for the activity of many enzyme reactions. As Zinc has an important role in proteins involved in DNA replication and regulation it will also strengthen the disease resistance stimulation effected by the *Ascophyllum nodosum* bio-active ingredients.

Seaweed extract products like **WUXAL Ascofol Zn** have been reported in scientific literature to enhance the activity of herbicides and pesticides.

International experience shows that premium quality seaweed extracts derived from *Ascophyllum nodosum* like **WUXAL Ascofol Zn** act by inducing plant resistance to fungal diseases such as mildew.

Bioactive compounds are extracted from seaweed extract are mainly Cytokinin, Auxins, Gibberellins, Betaines and Polysaccharides.

Precautions and Liability

When storing the product, temperatures below 0°C (32°F) and above +30°C (86°F) as well as frequent temperature fluctuations should be avoided. Keep the product in the original container till application.

When mixing with pesticides for the first time, test on a small scale before general use.

Contents

Seaweed suspension
(*Ascophyllum nodosum* marine plant extract)
For foliar application

Mineral composition:

% w/w		g/l	
2.3 %	N	Nitrogen	30.0
5.6 %	K₂O	Potassium	73.0
3.0 %	Zn*	Zinc	39.0
0.5 %	Mn*	Manganese	6.0
0.5 %	Fe*	Iron	6.0
2.1 %	S	Sulfur	27.0

* fully chelated with citric acid

Physicochemical properties

Density: 1.32 g/cm³
pH-value: approx. 5.6
Colour: brown

Key benefits of WUXAL Ascofol Zn

- premium quality seaweed suspension
- improves plant health and growth under stress conditions
- stimulates natural plant defense against pathogens
- particularly suited for crops with high Zinc demand
- promotes crop quality
- improves efficacy of pesticides and herbicides
- sticks very well on the foliage
- optimum pH-value for foliar absorption



Unique *Ascophyllum nodosum* suspension concentrate (ANOD).

Particularly indicated for crops with high Zinc demand.

Concentrated naturally occurring growth promoting substances.

Packaging

1l bottle, 5 l and 10 l bucket

Fields of application and rates of use

Crop	Timing	Rates of use per treatment
Maize/Corn	5 - 6 leaf stage 8 - 10 leaf stage	2.0 l/ha
Rice	at mid-tillering at flower primordia formation	2.0 l/ha
Coffee	after the 1st main flowering during the flush periods	2.0 l/ha
Cotton	at square initiation before boll setting	2.0 l/ha

Application

WUXAL Ascofol Zn can be applied by spraying and sprinkling, together with pesticides as well as with drip irrigation / fertigation systems.

Do not apply during cool, slow drying conditions.