

# WUXAL<sup>®</sup> Ascofol

BY AGLUKON

**Natural seaweed, fertilizer suspension rich in micronutrients and naturally occurring bioactive components**

## Description

Wuxal Ascofol 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 has a stimulating effect upon plants under physiological stress in their early growth. It stimulates early cell division in fruit crops and thereby improves fruit size. The high micronutrient content promotes fruit set and improves skin finish.

Wuxal Ascofol is the product of choice for improving both the seedling quality as well as the ability of seedlings to survive transplanting after foliar or root application.

International experience shows that premium quality seaweed extracts derived from *Ascophyllum nodosum* like Wuxal Ascofol act by inducing plant resistance to stress related conditions. Bioactive compounds extracted from seaweed extract, mainly Cytokinin, Auxins, Betaines and Carboxylic acid.

## Contents

Seaweed suspension. For foliar fertilization and root application.

	% w/w		g/l
<b>2.5</b>	<b>% N</b>	Nitrogen	31.8
<b>1.5</b>	<b>% K<sub>2</sub>O</b>	Potassium	19.1
1.25	% K	Potassium water soluble	15.8
<b>3</b>	<b>% B</b>	Boron	38
<b>0.8</b>	<b>% Mn</b>	Manganese	10
<b>0.5</b>	<b>% Zn</b>	Zinc	6
<b>18.2</b>	<b>%</b>	Organic material	

Additional: Copper, Iron, Iodine, Calcium and Magnesium.

Bioactive components: Betaines, Cytokinins, Auxins, Gibberellins

## Physicochemical properties

Density:	1.27 g/cm <sup>3</sup>
pH-value:	approx. 6.9
Colour:	black brown

## Key benefits of WUXAL Ascofol

- premium quality seaweed suspension
- prevents micronutrient deficiency
- improves plant growth under stress conditions
- promotes crop quality
- stimulates natural plant defense against stress related conditions
- adheres very well on the foliage
- optimum pH-value for foliar absorption

## 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.



**Unique *Ascophyllum nodosum* suspension concentrate.**

**Concentrated naturally occurring bioactive components**



**Horticulture Limited**  
10 Firth Street, Drury,  
South Auckland, New Zealand  
Bio Gro Licence No: 4432 CO1

**Packaging**  
10 l bucket, 100 l drum

## Fields of application and rates of use

Crop	No. and Timing of Applications	Rates of use
<b>Pome fruit</b>	start of flowering	2 l/ha
	full flowering	2 l/ha
	end of flowering	3 l/ha
	fruit size 5 - 10 mm	3 l/ha
<b>Stone fruit</b>	start of flowering	3 l/ha
	petal fall	3 l/ha
	after first fruit fall	4 l/ha
<b>Strawberries</b>	early spring growth	3 l/ha
	first bloom	3 l/ha
	first fruit set	3 l/ha
<b>Citrus</b>	before flowering	3 l/ha
	petal fall	3 l/ha
	fruit set	3 l/ha
<b>Kiwifruit</b>	2 - 3 applications at 14 day intervals from vegetative bud burst to pre-flowering	3 l/ha
	2 applications at 14 day intervals at post flower / cell division stage	3 l/ha
<b>Grapes</b>	5 - 6 leaf stage	3 l/ha
	before bloom	3 l/ha
	berry set / early shattering	3 l/ha
<b>Tomatoes, Bell peppers, Melons, Aubergines, Cucumber, Squash</b>	4 treatments starting at (first) bloom in 14-day intervals	2.5 l/ha or 250 ml/hl
<b>Carrots, Onions, Leeks</b>	2 - 3 weeks after emergence	2.5 l/ha
<b>Turnips</b>	root enlargement	2.5 l/ha
	2 treatments in 14-day intervals	2.5 l/ha
<b>Broccoli, Cauliflower, Cabbage</b>	4 - 6 true leaf stage	3 l/ha
<b>Asparagus</b>	10 - 14 days later	3 l/ha
	head initiation	3 l/ha
<b>Avocado</b>	14 days after end of harvest	5 l/ha
	approx. 3 weeks later	5 l/ha
<b>Avocado</b>	Before flowering (cauliflower stage), full bloom and after flowering	3 l/ha
<b>Rooting / Transplant solution</b>	Root dipping of transplants prior to planting	0.01 %

### Application

WUXAL Ascofol can be applied by spraying and sprinkling equipment as well as with drip irrigation and fertigation systems.