

WUXAL® Ascofol

BY AGLUKON

Natural seaweed suspension for improving fruit set in fruits and vegetables and for stimulating disease resistance of crops

Description

WUXAL Ascofol is a highly concentrated natural seaweed suspension extracted from the brown algae *Ascophyllum nodosum*. In order to preserve the bio-logical 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 micro-nutrient content promotes fruit set and improves skin finish.

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

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 fungal diseases such as mildew.

Bioactive compounds are extracted from seaweed extract, mainly Cytokinin, Auxins, Betaines and Carboxylic acid.

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
3 %	B Boron	38.1
0.8 %	Mn* Manganese	10.1
0.5 %	Zn* Zinc	6.3

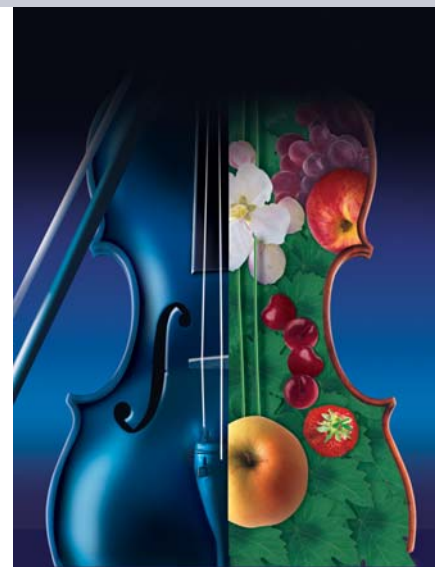
* fully chelated with citric acid

Physicochemical properties

Density: 1.27 g/cm³
pH-value: approx. 6.0
Colour: black brown

Key benefits of WUXAL Ascofol

- premium quality seaweed suspension
- prevents micronutrient deficiency
- improves plant growth under stress conditions
- promotes crop quality
- improves efficacy of pesticides and herbicides
- stimulates natural plant defense against pathogens
- sticks very well on the foliage
- optimum pH-value for foliar absorption



Unique *Ascophyllum nodosum* suspension concentrate.

Concentrated naturally occurring growth promoting substances.

Packaging

1 l bottle, 5 l and 10 l bucket

Fields of application and rates of use

Crop	Timing	Rates of use
Pome fruit	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
Stone fruit	start of flowering	3 l/ha
	petal fall	3 l/ha
	after first fruit fall	4 l/ha
Strawberries	early spring growth	3 l/ha
	first bloom	3 l/ha
	first fruit set	3 l/ha
Kiwi	before flowering	3 l/ha
	after flowering	3 l/ha
Wine grapes	5 - 6 leaf stage	3 l/ha
	before bloom	3 l/ha
	berry set / early shattering	3 l/ha
Table grapes	1.bloom, 2.fruit set, 3.fruit size 5 - 10 mm,4.berry closure	
Tomatoes, Bell peppers, Melons, Aubergines, Cucumber, Squash	4 treatments starting at (first) bloom in 14-day intervals	2.5 l/ha or 250 ml/hl
Carrots, Onions, Leeks Turnips	2 - 3 weeks after emergence root enlargement 2 treatments in 14-day intervals	2.5 l/ha 2.5 l/ha 2.5 l/ha
Broccoli, Cauliflower, Cabbage	4 - 6 true leaf stage 10 - 14 days later head initiation	3 l/ha 3 l/ha 3 l/ha
Asparagus	14 days after end of harvest approx. 3 weeks later	5 l/ha 5 l/ha
Avocado	Before flowering (cauliflower stage), full bloom and after flowering	3 l/ha
Bananas	Soon before and soon after inflorescence emergence, during fruit development	3 l/ha
Pineapple	One week before flowering; at flowering; after fruit setting	3 l/ha
Mango	One week before flowering; at flowering; after fruit setting	3 l/ha
Guava	One week before flowering; at flowering; after fruit setting	3 l/ha
Citrus	Before bloom; end of bloom-fruitset; fruit enlargement	3 l/ha
Chilli	Before bloom; end of bloom-fruit set	3 l/ha
Rooting / Transplant solution	Root dripping of transplants prior to planting	0.01 %
Corn	4-6 leaf stage	1 l/ha
	8-10 leaf stage	1 l/ha
Oilseed rape	Begin of stem extension	2-2.5L/ha
	At first inflorescence emergence	2-2.5L/ha
Sugarbeet	6-8 leaf stage	1-2L/ha
	10-12 leaf stage	1-2L/ha
Sunflower	Bud stage	2-2.5L/ha
	Begin of flower opening	2-2.5L/ha
Wheat	Early tillering	1.0L/ha
	Flag leaf fully enlarged	1.0L/ha

Application

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