



# WUXAL® P45

## Suspension Fertiliser

The foliar fertiliser for all crops with increased Phosphorus requirements.

### Description

WUXAL P 45 is an innovative foliar fertiliser suspension for all crops in agriculture and horticulture with increased requirements of Phosphate which cannot be supplied by soil fertilisation.

Insufficient P-supply via the roots affecting yield is increasingly a critical problem during seasons of unsatisfactory water status (mild water stress). Soil P uptake may be particularly limited during dry late spring and early summer periods.

The addition of Nitrogen and Zinc and all other fully chelated micronutrients prevents unbalanced nutrition in the cultivated plants. The high Phosphate content allows for the quick correction of acute P-deficiency and the targeted prevention of latent deficiencies.

WUXAL P45 is therefore the ideal foliar nutrition for effectively supplementing soil fertilisation.

### Contents

N, P fertiliser suspension with zinc and micronutrients.

% w/w			g/l
10	N	Total Nitrogen	150
13.5	P	Phosphorus	196
0.02	B	Boron	0.29
0.05	Cu	Copper	0.72
0.1	Fe	Iron	1.45
0.05	Mn	Manganese	0.72
0.001	Mo	Molybdenum	0.014
1.0	Zn	Zinc	15.0

### Key benefits & features

- ▶ extremely high and safe Phosphorus content
- ▶ moderate Nitrogen content for promoting foliar P absorption
- ▶ high Zinc content (fully chelated) for Zn-requiring crops (maize, corn etc.)
- ▶ pH-regulation / high buffering capacity
- ▶ well-balanced content of fully chelated micronutrients
- ▶ super chelation improves the water quality of the spray solution
- ▶ nutrients readily available to plants
- ▶ compatible with most commonly used pesticides

All nutrients are water soluble and the cationic micronutrients (iron, copper, manganese and zinc) are fully chelated by EDTA.

### Physical / chemical properties

Density: 1.45 g/cm<sup>3</sup>  
 pH value: 6.0  
 Color: greyish black

Distributor:



Horticulture - 0800 855 255  
 TasmanCrop - 0800 855 255  
 HortFertplus - 0800 273 748

Producer:



AGLUKON Spezialdünger GmbH & Co. KG  
 Heerdter Landstraße 199 · D-40549 Düsseldorf

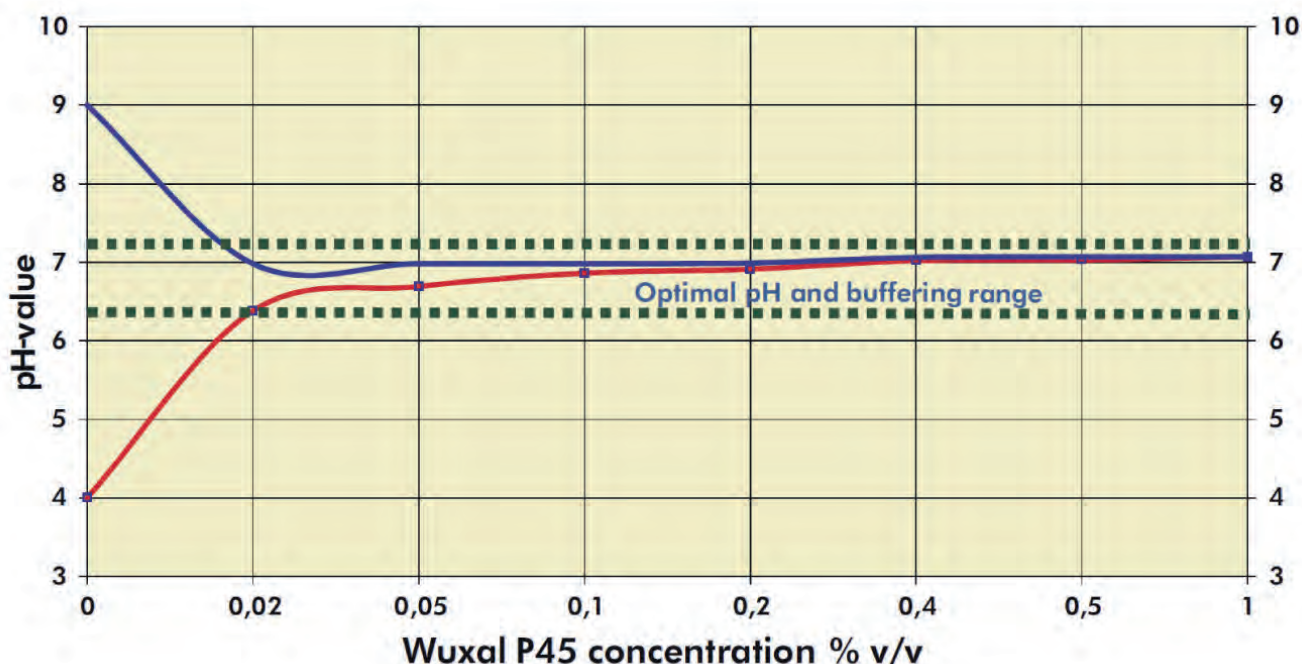


## Fields of application and rates of use

Crop	Timing	Rate of use
Maize	applications at 6 - 8 and 10 - 12 leaf stage	2 L/ha
Wheat	tillering; 2-node stage and pre-flowering stage	2 L/ha
Oilseed rape	4 - 6 leaf stage, begin of stem elongation and before bloom	2 L/ha
Potatoes	tubering initiation and repeating after 14 days	2 L/ha
Fruit trees	3 - 4* applications from pre-blossom stage to walnut size of the fruit 4 - 5* applications from the beginning of summer	1.5 L/ha
Vegetables	2 - 3 applications during the vegetation period	2 L/ha
Olive	before flowering; at fruit set and mid-summer	2 L/ha
Citrus	before flowering, at fruit set and during early fruit enlargement	2 L/ha
Buffering of the spray mixture	in conjunction with pesticide sprays	0.05-0.1% (0.5-1 L /1000L water)

\*applications at intervals of minimum 8-10 days.

WUXAL P45 is characterised by an extremely high buffering capacity. Even at a very low concentration of 0.02% an initial alkaline (9.0) or acid (4.0) pH is automatically regulated within the optimal range. "Optimal pH range" refers to plant physiological activity, foliar nutrient absorption as well as to stability of most pesticide active ingredients.



Please note: 0.01% = 0.1 mL/L 0.1% = 1.0 mL/L

### Precautions and liability:

When mixing with pesticides for the first time, test on a small scale before general use. When storing the product, temperatures below +5°C and above +30°C as well as frequent temperature fluctuations should be avoided. Considerable changes in temperature and/or too low temperatures can cause crystallisation. The crystals will however easily dissolve again in the spray solution. Prolonged storage may also cause colour change and a reversible phase separation. Neither crystallisation nor colour change will in any way affect the product quality as regards the desired physiological effect.

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