ADOB® PK

Characteristics

ADOB® PK is a binary-nutrient, multifunctional liquid fertiliser for nourishing arable, vegetable, floriculture and orchard crops through foliar spray.

It contains high concentrations of phosphorus and potassium, with an analysis of 0-19-14 (N-P_2O_5-K_2O respectively). As it is already in a liquid form, these nutrients are readily and quickly available to a broad range of target crops.

ADOB® PK is recommended as a side/top dressing when soil is relatively low in available phosphorus and/or potassium. In these conditions, it can prevent phosphorus and potassium deficiencies, especially under unfavourable weather conditions such as cold, waterlogging or occasional drought.

ADOB® PK improves plants' water status, stimulates root development, boosts flowering and increases carbohydrate content in the fruits. Remarkable effects can be expected when crops grow on soils with a pH below 5.5 or above 7.2, in soils with highly sandy texture, and when a high rate of ammoniacal nitrogen has been applied. The fertiliser also boosts plants' vigour, health and winter hardiness.

- CE fertiliser
- foliar application
- macronutrient fertiliser
- liquid fertiliser
- preventive and corrective effect
- fast P and K deficiency correction
- enhanced root development
- enhanced water-stress resistance

Packaging: 20, 1000 l

Composition

Composition – ADOB® PK

Nutrients	Symbol	Content [% w/w]	Content [% w/v]	Content [g/l]	Form
Phosphorus pentoxide	P_2O_5	19.0	25.0	250.0	soluble in a neutral-pH solution of ammonium citrate and water
Potassium oxide	K_2O	14.0	19.0	190.0	soluble in water

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Application recommendations

Application recommendations – ADOB® PK

Crops	Number of applications per season	Crop phenological stage	BBCH stage	Product application rate [l/ha]	Spray solution application rate [l/ha]
Arable crops					
Cereals	1	4-8 leaves	14-18	8-10	200-300
Rapeseed	2	4-8 leaves	14-18	5	
		beginning of stem elongation	30-31	5	
Maize	1	4-6 leaves	14-16	8	
Potatoes	2	tuber formation	40-49	6	
		fruit development	70-73	6	
Sugar beets	1	4-6 leaves	14-16	8	
Legumes	1	stem elongation	30-39	6	
Vegetable crops					
Bulb vegetables e.g. onion, leek	2	development of harvestable vegetative plant parts	41-45	5	300-500
		development of harvestable vegetative plant parts	46-49	5	
Cucurbits e.g. pumpkin, zucchini, cucumber	2	flowering. fruit development	61-79	5	
		ripening of fruit and seeds	81-89	5	
Brassica plants e.g. cabbage, cauliflower, broccoli	2	development of harvestable vegetative plant parts	41-45	6-8	
		development of harvestable vegetative plant parts	46-49	6-8	
Root vegetables e.g. carrot, celery, beet	2	development of harvestable vegetative plant parts	41-45	4-6	
		development of harvestable vegetative plant parts	46-49	4-6	
Solanaceous e.g. tomato, pepper, early potato	2	fruit development	71-79	5	
		ripening of fruit and seeds	81-89	5	
Legumes e.g. bean, pea	2	inflorescence emergence and flowering	51-69	4-6	
		pod development. ripening of pods and seeds	71-81	4-6	
Orchard crops					
Stone-fruit trees e.g. sour cherry, sweet cherry	2-3	white bud	57-59	4-6	500-800
		fruit development	72-79	4-6	
Pome trees e.g. apple, pear	2-3	fruit development	74-79	4-6	
		fruit ripening	81-85	4-6	
Soft fruits e.g. strawberry, blueberry	2-3	leaf development	15-19	4-6	300-500
		flowering and fruit development	65-79	4-6	

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