

# How to improve potato crop quality and yields with Amicult™ K42

The use of Potassium during the growth of potato is essential to ensure a high production and increase the quality of the tubers. Amicult™ K42 is a chloride-free potassium formate-based fertilizer which thanks to its composition can enhance the absorption of Potassium by plants, both by foliar or root absorption, leading to better and healthier yields.

This water soluble, safe solution is designed to maximize the efficiency of Potassium use by plants, allowing to reduce Potassium input along the crop cycle.

# Dosages and time of application on potato



NO FOLIAR FERTILIZATION



AMICULT™ K42 APPLIED AS FOLIAR FERTILIZATION

CROP	TIME OF APPLICATION	DOSAGES	
		FERTIGATION	FOLIAR
POTATO	During tubers formation and in the final phases of growth	5-15	1-4

## FIELD TRIAL

Location: Lublin - Poland  
 Year: 2017-2018  
 Cultivar: Jelly, Bellarosa, Irys  
 Application: Foliar

## TRIAL PROTOCOL

PRODUCT	DOSAGE	TIME OF APPLICATION
UTC	-	
Potassium Chloride (KCl)	4 Kg/ha	During tubers formation, enlargement and before harvest
Amicult™ K42	2,5 L/ha	During tubers formation, enlargement and before harvest

In all three theses the same NPF fertilization in the soil has been applied.

## RESULTS

PRODUCT	CULTIVAR					
	Jelly		Bellarosa		Irys	
	Yield (T/ha)	% to UTC	Yield (T/ha)	% to UTC	Yield (T/ha)	% to UTC
UTC	45.6	-	28.9	-	38.7	-
KCl <sup>1)</sup>	47.2	+3.5	36.2	+25.0	42.7	+10.3
Amicult™ K42 <sup>1)</sup>	53.8	+18.0	38.6	+33.6	47.2	+22

<sup>1)</sup> Soil fertilization with NPK according to standard for the region.

<sup>2)</sup> No foliar fertigation has been applied to the control.

# Engineered to cultivate smarter, healthier yields

Amicult™ K42 in an innovative, carefully engineered fertilizer solution designed to improve crop health and yield. Do you want to find out how this product can improve your offering?

Find out more at [perstorp.com](http://perstorp.com)

