



Bioapolin®

Attracts **bees** to blooming crops



**Effective
pollination of
the flowers!**



**Greater
yields!**

BIOPOLIN® is a pollination enhancer. It is sprayed on the crops while they are blossoming.

Treated flowers become more attractive to honey bees and thus they are more often visited by these insects.

This results in better pollination and consequently substantial **increase in yield and its quality.**



Designed
for use on fruit
trees and berries
and oilseed
rape.

BIOPOLIN® contains a blend of several substances of natural origin or nature-identical with identified, very strong capability to attract honey bees.



Advanced formulation technology – microencapsulation SLOW RELEASE TECHNOLOGY™



*Slow release of attractants – bees
are attracted for a longer time.*

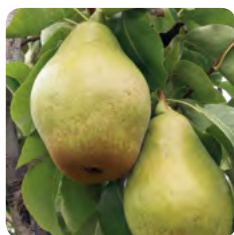
BIOPOLIN® is manufactured with the use of advanced microencapsulation technology which prevents rapid evaporation of the attractants shortly after product application. The substances are placed in microcapsules and are gradually released. Therefore, the attracting effect to pollinators is stable and extended in time.



Application timing

- BIOPOLIN® should be applied once at the beginning of flowering, at the latest – directly before the full flowering of the crop.
- Treatment should be repeated only if heavy rain occurs just after spraying.





Fruit trees and berries

Recommended dose:

2 L / ha, 500 – 750 litres of water per ha

Preparation should be sprayed on the entire crop area.



EFFECTS ON FRUIT CROPS

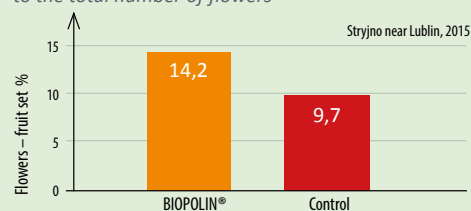
It is found that the number of pollinating insects visiting the flowers of fruit crops, significantly increases after the application of BIOPOLIN®. This mainly applies to honey bee but also to other insect pollinators (red mason bee, bumblebee).

Greater number of visits made by pollinating insects results in:

- improved fruit set,
- greater number of seeds in fruits,
- increased size of fruits
- a significant yield improvement.

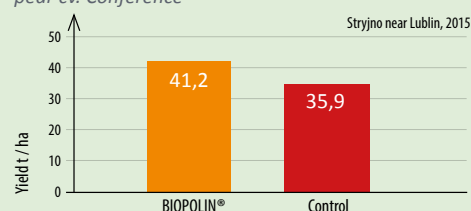


The effect of BIOPOLIN® attractant on percentage of fruit set on pear trees cv. Conference in relation to the total number of flowers



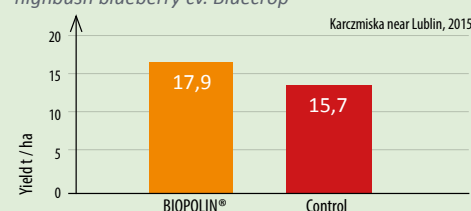
BIOPOLIN® contributed to a significant improvement of pear fruit set.

The effect of BIOPOLIN® attractant on the yield of pear cv. Conference



BIOPOLIN® resulted in the increase of pear tree yield by 5.3 tonne per ha.

The effect of BIOPOLIN® attractant on the yield of highbush blueberry cv. Bluecrop



BIOPOLIN® resulted in the increase of blueberry yield by 2.2 tonne per ha.



Oilseed rape

Recommended dilution rate:

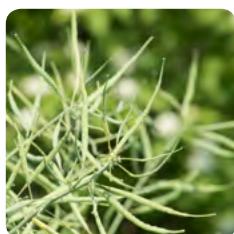
1% (1 litre of BIOPOLIN® in 100 L of water).

Spray the field on its perimeter, on a belt with a width of approximately several metres and inside the field, every fourth / fifth tramline (it is sufficient to spray approx. 25 – 30 % of the field with BIOPOLIN® preparation).

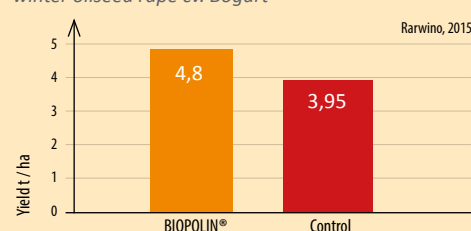
If it is applied in such a way, the usage of the preparation per 1 ha is about 0.5 – 1.0 L / ha.

EFFECTS ON OILSEED RAPE

It is found that the number of pollinating insects visiting blooming oilseed rape significantly increases after the application of BIOPOLIN®. Consequently, this results in greater yield. Field studies show that this increase may even amount to approx. 20%.

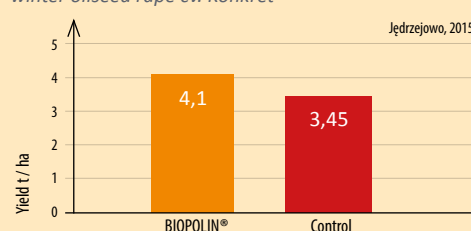


The effect of BIOPOLIN® attractant on the yield of winter oilseed rape cv. Bogart



BIOPOLIN® resulted in the increase of oilseed rape yield by 0.85 tonne per ha.

The effect of BIOPOLIN® attractant on the yield of winter oilseed rape cv. Konkret



BIOPOLIN® resulted in the increase of oilseed rape yield by 0.65 tonne per ha.



BIOPOLIN®
MEANS MORE BEES ON THE FLOWERS –
thus EFFECTIVE POLLINATION,
so GREATER AND BETTER YIELDS.



Read the product label
carefully before use.

For more information about BIOPOLIN®:



+ 48 531 707 704



+ 48 32 745 47 46



biopolin@icbpharma.com

Manufacturer:

ICB PHARMA
ul. Lema 10, 43-600 Jaworzno, PL
www.icbpharma.pl

ICBpharma  **Crop Solutions®**