

## **025 - Phyto-Drip® - Neue Applikationstechnology für den Gemüsebau**

*Phyto-Drip® – a new seed treatment application technology for vegetables*

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Phyto-Drip is a new innovative (seed) treatment application technology for the young plant production of vegetables. Phyto-Drip combines high application accuracy with outstanding crop safety and works as simple as it is effective. During the seeding process, a single drop of seed treatment solution is dripped onto each seed in the plug.

Plant raisers can apply a range of insecticides, fungicides, growth regulators, micro nutrients or microbial registered seed treatment formulations to support a healthy development of seedlings. Several professional plant raisers in the Netherland and Belgium are using this technology to produce tailored treated young plants according to their customer's demands.

This technology was developed in the Netherlands to overcome the phytotoxicity of neonicotinoids when used as filmcoating on seeds of brassicas or salad crops. The Phyto-Drip machine is listed as crop protection application technique by the Julius Kühn-Institut in Braunschweig.

In the poster the performance comparison with filmcoating and the impact on growth of roots and leaves of lettuce is presented.

## **026 - Maxim® 480 FS – Eine neue Saatgutbeize für den Gemüsebau**

*Maxim® 480 FS – a new seed treatment solution for vegetable*

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Maxim 480 FS is a new fungicide for seed treatment containing the active ingredient fludioxonil to control seed- and soil borne diseases in brassicas, carrots and onions.

The first European registration was obtained in the Netherlands in 2013, Austria followed in March 2014, Germany is planned. In combination with Apron XL a complete solution is offered under the FarMore® Technology umbrella of Syngenta Seedcare for vegetables.

In the presented poster the disease performance is shown for carrots as well as the value contribution for the grower.