

# Peony Care newsletter: May

Dear peony grower,

For a long time now you are receiving this newsletter from us. With information regarding the cultivation of peonies. Because we are always looking for ways to improve ourselves, we would like to hear from you how relevant this information actually is. What are things you would like to see differently and are there topics on which you would like to receive more information? We greatly appreciate any feedback, so please let us know!

## Botrytis control

Because of its fast growth, the peony is hardly resistant to climate change. One of the resulting damages is almost certainly Botrytis. The fungus will especially keep causing problems when the peony doesn't get protection during growth. In that critical period extra sprayings of the peonies are absolutely necessary. Good and effective resources in that case are Teldor, Kenbyo, Luna and Switch.

Click [here](#) for all the information regarding Botrytis control.

## Shot hole disease

By means of shot hole disease, holes arise in the leaf. Not only will they reduce the growth and ornamental value of the crop, they also create an entrance for other pathogens. Including, for example, Botrytis. The emergence of holes in a leaf is best known from shot hole disease in Prunus. That is why initially there also was talk of shot hole disease in peonies.

Across the last ten years damage from shot hole disease has increased in the cultivation of peonies. The cause is not yet known.

Click [here](#) for all the information regarding Shot hole disease.

## Image database

The image database 'diseases, pests and weeds' has been expanded with a new category: 'deficiency diseases in tree nursery crops'.

Follow [this link](#) to get to the image database.



## **Nematodes**

**Free-living nematodes:** only prick the roots of the host plants superficially. The nematodes occur on sandy and silty soil. These free-living nematodes got a lot of host plants. Economically speaking they are the main cause of problems. All free-living nematodes are capable of transferring the so-called tobacco rattle virus (TRV).

Click [here](#) for all the information regarding Nematodes.

## **Common swift (moth)**

In the greenhouses, the first butterflies have now flown. Which can be recognized by the empty husks on the ground around the peony. The butterflies lay eggs directly from where young larvae of a new generation emerge. Control can best be addressed on taking on these young larvae.

Click [here](#) for all the information regarding Common swift (moth)

## **Leaf roller**

Leaf rollers owe their name to the fact that the caterpillars string themselves between the leaves. And that causes the leaves to roll up. In the case of peonies, this little black caterpillar eats its way to the flower bud of the plant. This roller isn't only hard to find, but the creature also causes damage directly to the flower bud. Therefore controlling regularly on leaf rollers is necessary. You can fight them with Decis, amongst other things.

## **Mole crickets**

Mole crickets are digging insects with highly developed forelimbs. They can get about five centimeters big. They live of larvae (cutworms and leatherjackets) and other soil insects. Supplemented with plant material.

Click [here](#) for all the information regarding Mole crickets.

## **Stages of opening Paeonia**

Click [here](#) for an overview of some peony varieties where multiple stages of opening are shown.



Peonies grow from nothing to a full grown plant in a very short time. Which cost a lot of energy. The plant needs a range of main and spore elements to make this possible. These elements are not always as readily available through the soil. Because of the low soil temperature and/or high pH value of the soil. Therefore it absolutely makes sense to provide the crop with these elements through [leaf nutrition](#). To keep it simple, we advise:

- [Triple Ten](#): 3 liters per hectare;  
(Main elements with fish extract, fulvic acid, seaweed extract and various vitamins)
- [Shuttle Seven](#): 2 liters per hectare.  
(Seven spore elements, carbon, saponins and fulvic acid)

Click [here](#) for all information from Karo.

### **Previsan (against black spot / honeydew mold)**

A whole new approach for the problem of black spot / honeydew mold is the removal of the honeydew before the fungus can settle. In other words making sure that the food source is gone before the fungus can arise. By developing a natural preparation based on microbiology, Agriton has succeeded in reducing the problem of honeydew to a minimum. Various practical applications in berries, apples and pears yielded very good results with regard to the elimination of honeydew. Which therefore also has a positive effect on preventing black spot.

Click [here](#) for all the information regarding Previsan.

**When planting peonies; the benefits of the investing in 3-5 eyes compared to 2-3 eyes:**

Number of stems/flowers per plant (2-3 or 3-5 eyes):

Variety	Year	Amount of stems	
		2-3 eyes	3-5 eyes
Sarah Bernhardt	planting in autumn: 2019		
	spring 2020	0	0
	spring 2021	0	3
	spring 2022	4	7
	spring 2023	6	8
	spring 2024	7	9
	spring 2024	7	9
	spring 2025	8	9
			32

**In the following link you will find our extensive and updated peony assortment of 2019 – 2020:**

[Peony Catalog 2019 – 2020](#)

Green Works also supplies other summer flower starting material, like: Ranunculus Butterfly™, Ranunculus Romance™, Asclepias Beatrix® and Helleborus or. Queens™.

---

**For more information, please consult [our website](#) or contact:**

Ed Kleijbeuker tel. 0031 (0)6 24 94 64 05 | [ed@green-works.nl](mailto:ed@green-works.nl)  
 Daan Kneppers tel. 0031 (0)6 51 82 47 12 | [daan@green-works.nl](mailto:daan@green-works.nl)

**Also, follow Green Works on [Twitter](#) and [Facebook](#) for more relevant information about peonies amongst other things.**



*Green Works supplies young planting material for the professional cultivation of pot plants and (summer) cut flowers. Green Works is also a large grower of peonies for the successful cultivation and trade in the Netherlands and abroad. We supply within the Netherlands and globally to professional growers and (export) traders. With support in cultivation, promotion and sales, Green Works offers a total package to put an unique and healthy product on the market: [www.green-works.nl/en](http://www.green-works.nl/en).*

Green Works can never be held liable for any cultural information given and only to be used as a guideline. The grower is at all times responsible for his own action and to read the label of the chemicals being used.

---