



## Leaf nutrition instead of spreading after the cut

The peonies have been cut, the growing season has come to an end. High time to pay attention to the restoration and filling of the rhizome for next season's production. The trick here is not to generate much growth. The idea is to keep the crop green for assimilation and ultimately to transport as many minerals and assimilates from the crop to the rhizome as possible. Potassium and trace elements play an important role.

Leaf nutrition is the most effective way to provide the crop with these elements. This is especially the case when absorption via the roots is prevented by stress factors such as drought, heat or heavy rainfall. Potassium is a highly mobile element that can be transported up and down by leaf nutrition. This ensures the transport and storage of sugars in the Rhizome. Trace elements are difficult to absorb due to a high soil pH, so here, too, leaf nutrition is the best way for trace elements to get into the crop. And in addition to that, trace elements are hardly ever given via the soil. In practice, leaf nutrition is 10 to 12 times more effective than spreading. So a lot can be achieved with small quantities. Spreading is therefore a less suitable option. And in addition to that, for spreading it is of course also necessary to give/get water to get the fertilizer into the root environment.

### Potassium

A foliar spray from [Optima Leaf-K](#) gives a very effective and gentle potassium fertilization based on a potassium citrate. Which makes it more effective as a potassium leaf fertilizer than potassium sulfate or potassium nitrate. As a result, the potassium content in the plant is greatly increased in a short time. Potassium works as a leaf shine and it gives the flower and leaf a more intense color.

### Trace elements

Trace elements are often insufficiently present in the soil and difficult to absorb at a high soil pH. The absorbed trace elements are ultimately transported to the rhizome. Trace elements are only needed in small quantities, but they are very important in many processes in the plant. Including processes such as chlorophyll and resilience. [Optima Leaf Trace](#) is based on heptagluconic acid; a natural glucose complex former that ensures that the elements are very well absorbed and processed by the plant. The Optima Leaf Trace trace mix contains copper, iron, manganese, zinc, boron and molybdenum. It is easily soluble in water, very absorbable and also gentle on the crop.

**Dosage and frequency of leaf nutrition from after the cut to the plant dying off:**

2 liters per hectare [Optima Leaf Trace](#) Trace mix Apply 3-4 times

5 liters per hectare [Optima Leaf K](#) Potassium Apply 3-4 times

**Spray the 2 products in combination with at least 300 liters of water per hectare.  
The products are available in 17.5-liter jerry cans and 1.000 liter IBCs.**

**Soil nutrition after the cut to stimulate the construction of new eyes:**

10 liters per hectare [Root & Shoot](#)

Growth stimulator for new eyes and for root repair

Apply 2 times with an interval of 2 weeks

**Root & Shoot should be in the top soil layer.**

**Soil provided with organic matter**

Because many stems have been cut and the remaining crop is mown and maybe even removed from the plot, you can practically call it robbery that takes place on the soil every year. This can be corrected through a so-called 'custom compost mixture'. With the help of the SoilBalanceAnalysis the maximum amount of compost needed will be determined. But also how much compost could be given based on the occupation of cations on the soil complex. The compost can also be used as an organic potassium gift, for example for the potassium gift in the growing season. But only after the mowing of the crop.

Elements that are too low in the soil, including for example trace elements, can be added to the 'custom compost mixture. The mixture is perfectly capable to bind positive and negative elements to itself. In addition to clay, because clay can only bind positive elements to itself. This mixture can simply be applied on top of the ground. It can be delivered in bulk, or in big bags.

**Roadmap compost:**

1. Insert soil sample
2. Fill in form
3. Have an SoilBalanceAnalysis made
4. Request custom compost mixture

**For more information, please contact:**

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