



## **Viano organic based fertilisers ... the right choice for an improved harvest quality in blueberry crops ...**

### **Improved soilconditions for a better rootdevelopment and frutification in blueberry crops ...**

Blueberries have special demands towards soilconditions. A well- drained soil, a low pH (ideal between 4-5,2) and a high concentration in organic matter are indispensable for an ideal development. A pH higher dan 5,2 will result in a poor development and necrosis. The plot needs to be sun- oriented with a good air circulation and adapted irrigation possibilities. Blueberries prefer acid soilconditions, therefor the application of acid-working fertilisers (sulfphur) is recommended. A soil analysis will give you more detailed information about the soilconditions. Prevent, at any time, lime and Chlorine as this can lead to schorching the crops.

Before, during and the first year after the planting of the young shrubs, no fertiliser will be applied, afterwards the fertilisation can be (carefully) started in springtime (march-may).

Keep the substrate during the whole growing season slightly moist and use only irrigation water with a low pH.

The application of organic fertilisers is recommended for the blueberries which easly uptake the ammonia and urea nitrogen. Blueberries have difficulties to uptake nitrate. The application of nitrogen in the early stage of the development is recommended as this will result in the formation of new shoots (sprouts) on which the new berries will develop. To much nitrogen late in the season is harmful to the plants because of risk of frost damage.

After the plant has developed substantially, the application of phosphorus (P) and potash (K) can proceed. Both of the above mentioned nutrients are responsible for :

- an early root development
- enhanced flowerbud formation
- enhanced fruit quality
- easier growth in colder conditions
- enhanced frutification



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**Improved soil conditions  
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Potash and phosphorus have no influence on the pH of the soil and are to apply in high concentrations by using an organic based, acidifying fertiliser. Therefore it is recommended to use **Viano MixProf Bio 6 (7-4-7(+2))** which is an acid working formulations and contains sulphur.

If the pH of the soil is already optimal, then the application of **Viano MixProf 5 (7-3-11(+3))** could be advisable (contains urea and ammonia-N). Both of the products can be used in combination and are rich in magnesium. Apply the fertilisers in a circle (45cm diameter) around the plant, never put the fertiliser against the stem. These organic(based) formulations work up to 3 months and release their nutrients gradually.

## VIANO MIXPROF BIO 6

<b>AVAILABLE :</b> 25 kg bags
<b>PALET :</b> 36x25 kg (900 kg)
<b>APPLICATION</b>
J F M A M J J A S O N D

## VIANO MIXPROF 5

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## FERTILISATION PLAN BLUEBERRY

**MAINTENANCE FERTILISATION** / nutrient demand (in g/plant) :

AGE	HEIGHT	VIANO MIXPROF BIO 6 (7-4-7(+2))	VIANO MIXPROF 5 (7-3-11(+3))	FREQUENCY / Year
1 year	30cm	0	0	-
2 year	60cm	50	40	3-4
3 year	90cm	75	65	2-3
4 year	120cm	110	90	2-3
5 year	150cm	150	125	3
6 year	180cm	200	170	3

