



Multi-K[®] Recirc

Potassium nitrate with low sodium content





Multi-K® Recí

Multi-K® Recí is Haifa's new grade of potassium nitrate with an extra low sodium content. It is specially developed for crops whose cultivation involves a lot of recirculation of the feeding solution. It reduces the risk of a too high sodium concentration in the feeding solution and diminishes the need to discharge drainage water. This will then result in a cost saving on fertilisers.

100% closed system

The Dutch government forces growers to use a 100% closed system in order to reduce the burden on the environment. This has the advantage of a cost saving on water and fertilisers which are normally lost when drainage water is discharged. However, the consequence of this is that virtually no fresh (feed) water is introduced which has as risk that non-beneficial elements accumulate in the substrate and the irrigation system.

Accumulation of sodium

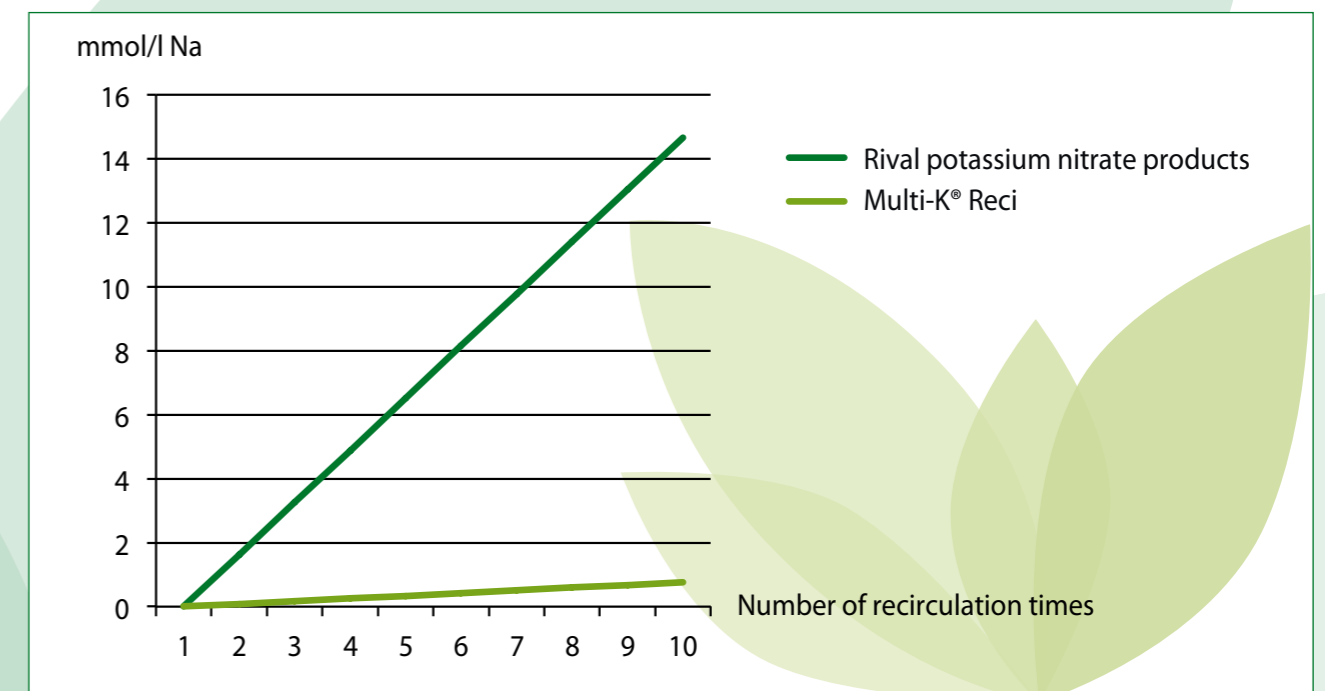
One of the main non-beneficial elements that may accumulate is sodium. Most plants don't take up sodium and therefore the concentration of sodium in the feeding solution will increase. The only one way of getting rid of such high concentrations is by discharging and replacing all the water. This will mean that it will be impossible to recirculate the water for a few days, depending on the sodium content. This is not good from an environmental viewpoint and means that fertilisers will be lost together with the water.

Pure, affordable fertiliser

There is currently a growing demand for a pure, affordable fertiliser with the lowest possible sodium content. With our Multi-K® Recí potassium nitrate, we offer growers a tailor-made solution for crops whose cultivation involves a lot of recirculation. Multi-K® Recí contains up to 90% less sodium than other potassium nitrate fertilisers.

The advantages of Multi-K® Recí:

- 100% recirculation is possible
- Much less risk of a high sodium concentration in the feeding solution
- Diminish the need to discharge drainage water
- Helps to save on costs of water and fertilisers
- Better for the environment



Garanteed Na content

Haifa is one of the first fertiliser producers to guarantee the maximum sodium concentration in a fertiliser. The typical value of Multi-K® Recí is only 150 ppm sodium with a guaranteed maximum of 300 ppm.





Packaging

Multi-K® Reci is available in 25-kg bags and big bags.

MyMultifeed

Multi-K® Reci potassium nitrate is also available in our MyMultifeed fertiliser concept in which the fertiliser recipes needed for the A and B containers are supplied in two separate big bags. The big bags contain 400 to 1,200 kilos of fertiliser. MyMultifeed enables growers to quickly and easily prepare their own concentrated feeding solutions.



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