



*Your chance to reduce
Carbon Footprint!*



GreenSwitch® Potassium Sulphate

A more Sustainable Premium
Water-Soluble SOP

www.vaniperen.com



GreenSwitch® Potassium, driving agriculture innovation!



Mass production technologies made fertilizers widely available, helping growers increase yields rapidly on less land. However, modern agriculture now faces a double challenge: **maintaining high crop performance while lowering environmental impact**. To answer this demand, Van Iperen offers **GreenSwitch® Potassium Sulphate HG**—a premium SOP fertilizer designed to combine precision crop nutrition with reduced process energy.

GreenSwitch® Potassium Sulphate (SOP) is a high-purity, fast-dissolving Potassium fertilizer manufactured through an **innovative low-temperature and low-pressure Glaserite process**. By operating with significantly lower energy requirements than conventional production methods, it contributes directly to a reduced carbon footprint. The result is a **fully water-soluble, premium SOP engineered for fertigation in high-tech greenhouses and open fields, as well as foliar applications**.

Low-Energy Innovation for Low-Carbon Agriculture

GreenSwitch® Potassium Sulphate bridges the gap between **high-quality crop nutrition** and a **lower carbon production**. Engineered specifically for precision agriculture, it offers:



HIGH-PURITY SOP FERTILIZER

PREMIUM, FULLY WATER-SOLUBLE NUTRITION ENGINEERED FOR GREENHOUSE FERTIGATION, OPEN FIELDS, AND FOLIAR APPLICATIONS.



REDUCED ENERGY CONSUMPTION

THE GREENSWITCH® POTASSIUM SULPHATE PRODUCTION PROCESS RUNS AT LOW TEMPERATURES (25–30°C) AND LOW PRESSURE, REQUIRING LESS ENERGY COMPARED TO CONVENTIONAL PRODUCTION METHODS.

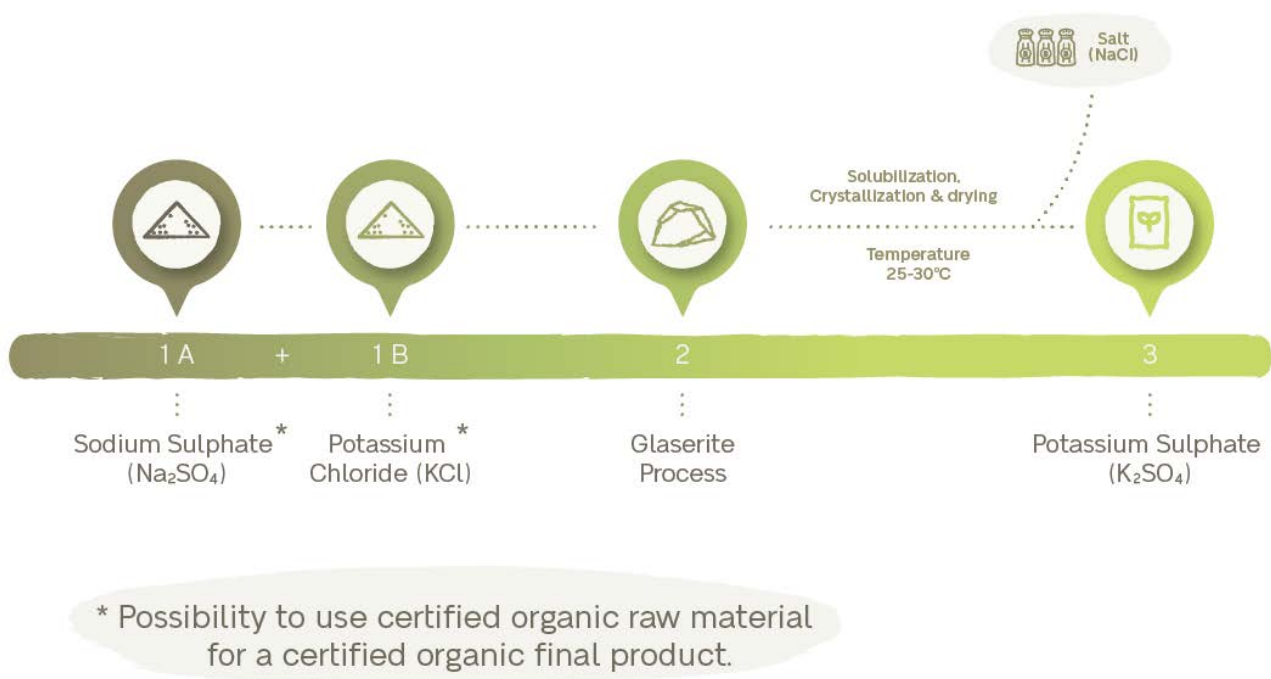


LOWER CARBON FOOTPRING

OPERATING WITH LOWER ENERGY REQUIREMENTS THAN TRADITIONAL MANUFACTURING METHODS, THE GREENSWITCH® POTASSIUM PROCESS DIRECTLY CONTRIBUTES TO A REDUCED CARBON FOOTPRINT.

What makes GreenSwitch® Potassium process sustainable?

Unlike conventional Potassium Sulphate (SOP) production that relies on energy-intensive, high-temperature thermal processes, GreenSwitch® SOP is manufactured through an **innovative low-temperature and low-pressure Glaserite process**. Here's how it works:



GreenSwitch® Potassium Sulphate, another step in our Green Switch Journey!

GreenSwitch® Potassium Sulphate is an integral part of the innovation projects supporting our Green Switch Journey. Through this journey, Van Iperen aims to make a meaningful contribution to **increasing the sustainability of global agriculture** in both greenhouse horticulture and open field

farming. By choosing **GreenSwitch® fertilizers**, growers combine reliable crop nutrition with a more energy-efficient production process that contributes to a reduced carbon footprint.

Alongside GreenSwitch® Potassium, our Green Switch Journey includes **GreenSwitch® Nitrate**—a sustainable process to produce Nitrate fertilizers with a reduced carbon footprint—and **Plants for Plants®**, our new generation of plant-based biostimulants. Now, let's make the Green Switch!

FAST DISSOLUTION & HIGH PURITY SOP

Versatile application: Ideal for high-tech greenhouse fertigation, open fields, and foliar application.

GreenSwitch® Potassium Sulphate HG is a high-purity, fast-dissolving and fully water-soluble Potassium fertilizer. It is produced through a low-temperature, low-pressure process that requires less energy than conventional production methods, contributing to a reduced carbon footprint.

Suitable for greenhouse and open-field fertigation as well as foliar application, it is non-caking and ideal from fruit or tuber development through maturation, supporting high-quality yields.

GreenSwitch® Potassium Sulphate HG combines reliable crop nutrition with a more energy-efficient production process. By using GreenSwitch® fertilizers, growers reduce their carbon footprint and switch to sustainable high-tech agriculture.



- High-purity, fully water-soluble
 - Lower-energy production process, contributing to a reduced carbon footprint
 - Improves fruit quality, shelf life and increases plant drought resistance
 - Limits vegetative growth as of fruit setting
 - Developed for fertigation in open field and greenhouses.
- Also suitable for foliar application

Available now!
Check it out!




GreenSwitch®
Potassium

Composition (%w/w)

Potassium oxide	> 52%
Potassium	> 43%
Sulfur trioxide	> 45%
Sulfur	> 18%
Potassium Oxide (typical)	> 53%

Packaging



Van Iperen International B.V.

Smidsweg 24 | 3273 LK Westmaas | The Netherlands

T +31 (0)186-578888 | info@iperen.com | www.vaniperen.com


VAN IPEREN®
LET'S MAKE THE GREEN SWITCH