

# The Quick Take: Mitigate spikes in Vitamin E costs



Vitamin E prices have spiked amid production issues and lack of availability. How can you mitigate the increased cost of vitamin E inclusion?

Vitamin E prices often see severe fluctuations caused by raw materials shortages, production or distribution issues, or regulations on some key production ingredients (such as m-cresol anti-dumping rules in China leading to a global price spike some months ago).

SANTOQUIN acts as a preservative for Vitamin E, allowing more of this vitamin to enter the tissue where it exerts its antioxidant effect. In addition, in the presence of selenium, another important cellular antioxidant mineral, [SANTOQUIN](#) can help protect or spare the Vitamin E needed for proper cell function.

The Food and Agriculture Organization of the United Nations, FAO, clearly [confirms](#) this mode of action: "Dietary deficiencies of vitamins A and E seem to be ameliorated in certain circumstances and ethoxyquin promotes higher levels of vitamin A storage in the liver. Repletion/deletion experiments show that in both monogastric and ruminant animals, a diet containing an anti-oxidant protects fat soluble vitamins throughout ingestion and metabolism. The important benefit of antioxidants most probably lies in their conservation of essential nutrients and their improved utilization by the animal. Altogether too often, it is the practice to use levels of vitamin E far above the animals' nutrient requirement and the result is economically unfavorable. **It has been shown in diets designed for chicken and turkey breeders that ethoxyquin has a vitamin E sparing effect.**"