

Why

With conventional drainage, water flows continuously from the plot. During the dry season, this is undesirable because it is best to keep the water available to the crops on the plot. Level-controlled drainage can provide a solution for this. Because with this system you can regulate the water level in the soil yourself, you retain precious water when needed.

What

With level-controlled drainage, as with conventional drainage, water does drain through the drainage pipes, but it does not flow directly into neighboring ditches or watercourses. In fact, the drainage pipes are connected to a collector pipe at the edge of the plot. This collector pipe in turn is then connected to a drainage control structure, or collector.

Cost

The price for conversion from conventional drainage to a level-controlled system is about 1000 euro/ha. To reconstruct drainage in its entirety, the price is usually between 2000 and 2300 euros/ha. Of course, these prices vary depending on the conditions on the plot.

Benefits

Level-controlled drainage can delay water shortage by several weeks during drought, which can still be a significant difference for most crops. It also reduces the need to irrigate during the dry season, which can also save a cost.

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