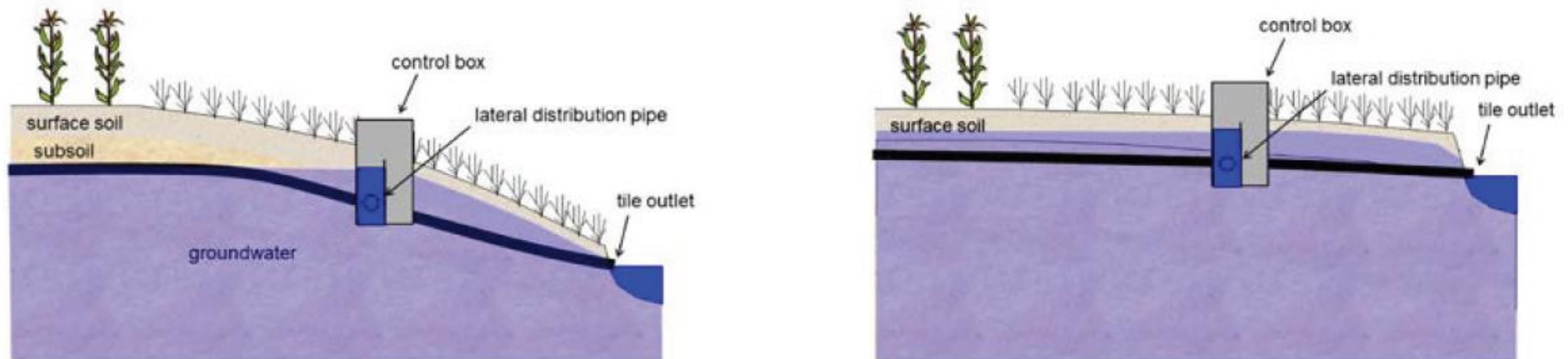


Water Level Management with Saturated Buffer



“Left: Suitable locations allow the water table to be raised within the buffer without raising the water table within the cropped field. Right: Less desirable locations, where the field and buffer are nearly level, require the water table at the control box to be manually adjusted at least twice a year so as to not adversely affect the cropped field.”

“If the buffer is not sufficiently lower in elevation than the cropped field, a saturated buffer is still possible but less desirable. The water level within the saturated buffer will need to be adjusted seasonally by the farmer to keep water from the buffer from saturating part of the adjacent field. The water level is lowered during planting to provide adequate drainage within the field and raised the remainder of the year to direct water into the buffer.”