

Denitrification Barriers

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Description of the technology	<p>Denitrification barriers for agricultural drainage or constructed wetland treatment are one of the newest technologies being investigated for practical edge-of-field nitrate-nitrogen (NO₃-N) reduction.</p> <p>Technology is designed to remove nitrates from wastewater or runoff from agricultural areas.</p> <p>The principle is a filtration of water with increased nitrate content through a suitable organic substrate. An organic material used serves as a medium, as well as carbon and energy source for growing facultative anaerobic microbial organisms.</p> <p>Protected by utility pattern.</p>
Keywords	Denitrification, Wastewater, Nutrients, nitrate-nitrogen reduction
Stage of Development	Sale to end-user
Language of communication	Czech, English
Contact point	<p>Contact point for this technology is Michal Kriska (m.kriska.m@fce.vutbr.cz) or Miroslava Pumprova Nemcova (nemcova.m@fce.vutbr.cz)</p> <p>Brno University of Technology</p>
Notice	<p><i>Project co-funded by European Union funds (ERDF and IPA)</i></p>