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Modern glassy phosphate fertilizers

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Development of glassy phosphate fertilizers which dissolve at a predetermined rate for use in crop areas of high humidity. The monitoring of water status in the areas of active fertilizer use. Assessing the impact of traditional fertilizers and fertilizer new sort on the state of coastal rivers. In this paper the authors propose measures to improve the environmental conditions of water protection zones through the use of new types of phosphate fertilizers. The results obtained by the use of glassy fertilizers in intensive nature meet the requirements of European Union. The fertilizer is intended for restoration of territories of former coal quarries and mines.

Biography

Kirill Karapetian is an associate professor in National mineral resources university, Russia.

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