

## TECHNOLOGIES FOR RAISING THE FERTILIZER EFFICIENCY IN GRAIN PRODUCTION



### Areas of Application

The technologies are proposed for obtaining high yields of cereal crops by agrohholdings

### Specification

The technology includes the determination of elements effectiveness depending on cereal crop variety, the selection of optimal way of fertilizing soil with various forms of nitrogen, phosphorus, sulfur, potash, and trace elements and the harmonization of crops nutrition and protection system

### IPR Protection

IPR1, IPR3

### Advantages

The technology enables to increase efficiency of use of nitrogen (by 5–15%), sulfur, phosphorus, and potassium (by 10–20%), to cut the nutrition costs by 15–20% and to reduce pollution of agrophytocenoses resulting from application of agrochemicals

### Stage of Development. Suggestions for Commercialization

IRL7, TRL6

The introduction of technologies on customer's site and staff training are provided upon request

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