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The invention refers to the biotechnology, namely, to the media for *Rhizopus arrhizus* fungus strain cultivation and may be used for preparation of the pectolytic ferments used in the food, essential-oil bearing industries, etc.

Summary of the invention consists in, that the nutrient media for *Rhizopus arrhizus* fungus strain contains beet pulp, maiz flour, glucose, ammonium sulphate, magnesium sulphate, zinc sulphate and drinking water.

As biostimulator the media additionally contain one of coordinative compounds of the bis-dimethylglyoximates Co (III) class of formula $[\text{Co}(\text{DH})_2(\text{Thio})_2]_3\text{F}[\text{SiF}_6] \times 1,5\text{H}_2\text{O}$ or $[\text{Co}(\text{DH})_2(\text{Thio})_2]_2[\text{SiF}_6] \times 3\text{H}_2\text{O}$, where DH - dimethylglyoximate radical, Thio - thiourea.

The result of the invention consists in increasing biosynthesis and pectolytic ferments activity.