

Vegetables Which Do Not Need The Sun

Fresh cucumbers appeared on the tables of the geologists of the Mid-Lena River Oil and Gas Exploration Expedition.

They grow in an experimental greenhouse with an area of 300 square metres. This is a unique place because vegetables are grown here without any sunlight.

In a two-storey building without windows, the plants grow in a material called keramzit. It seems that it is possible to use this excellent building material as the main component of artificial soil. Four times a day, it is enriched with a special fertilizer mixture which is piped in. Along the edges of the beds, special reflectors have been installed which concentrate the light from powerful electric lamps. The plants grow much faster under such conditions than in regular hothouses. According to preliminary calculations, the annual harvest will be more than 50 kilos of vegetables for each square metre under seed. In time, all large enterprises of the Far North will have such greenhouses.

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