Details of Technology



Name of Technology	Inhibition of cadmium absorption from cadmium contaminated soils in crops by rock powder materials produced in Iwate Prefecture	Agriculture, Forestry and Fisheries
Name/Post/Faculty	Shigenao Kawai / Professor / Biological Chemistry an Academic Group	nd Food Science
Key words	Miyamori, cadmium contaminated soils, cultivation of cr	ops
What kind of techn	ology is this?	
Outline	t is necessary to reduce the absorbed amount n the cultivation of crops in the cadmium co soils in Tohoku district not to exceed the in standard level, though there is not so many This rock powder is useful as materials for the p	ntaminated ternational reports yet.
during the preparation materials. We aim to absorption in crops as Right now, the Coo cadmium content sta have a trouble. Especi It is now required to crops. It was clarified that contents in plants b	neous rock containing magnesium, iron, etc. and the p on of construction materials can be utilized as the so o commercialize the powder for the inhibition of hazardou is it is or after heat-treatment. dex Committee in WHO/FAO is discussing about the r andard in crops. Thus there is a possibility that Japane cially in some vegetables, the cadmium content is remar establish the technology for decreasing the cadmium t peridotite was effective for the reduction of hazardou by absorbing heavy metals in the soils. We have ob- erials inhibit the cadmium absorption in plants.	oil improvement us heavy metals reduction of the ese farmers may kably increased content in field
What are its applic Materials for inhibiti	ations? ng cadmium absorption in crops and materials for adsorb	ping cadmium
		bing cadmium