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THE FIRST BIOLOGICAL EXPERIMENT ON THE MOON

Abstract

On Jan 3, 2019, Chang'E-4 successfully landed on the pre-selected landing zone on the far side of the moon, which located at the Theodore von Kármán Crater in the Aitken Basin of the South Pole. This is the first lunar landing on the back of the moon. Chang'E-4 also conducted a biology science experiment in addition to the first lunar landing mission. In the biological experiment payload(BEP), six organisms were carried: potatoes, rapeseed, Arabidopsis, cotton, yeast and fruit flies. The hope is to be able to verify the growth of plants, animals and microbes on the moon.we do the experiment on the moon for 9 days,and two leaves grown on the moon.