

PLANT GROWTH PROMOTER AND METHOD

ABSTRACT

A plant growth promoter includes a container that contains culture
5 solution for cultivating a plant, a pair of electrode groups that are disposed
opposite to each other in the container and have a plurality of electrodes, and a
power supply that applies a voltage between the pair of electrode groups, a
current measurer that measures a current value between the pair of electrode
groups, and a voltage application controller that applies a voltage between a
10 part of the plurality of electrodes, determines presence or absence of roots of the
plant based on a current value between the part of electrodes to which the
voltage is applied, and applies a voltage of promoting growth of the plant in a
case where the roots of the plant are present.

15 FIG. 1