

ABSTRACT

**CONTAINER FOR COLD STORAGE OF AGRICULTURAL OR HORTICULTURAL
CROP**

An object is to provide a novel container suitable for distribution and storage that reliably suppresses a significant decrease in commercial value of an agricultural or horticultural crop due to fungi and that does not cause odor transfer due to an antimicrobial active ingredient, discoloration, or quality degradation, a novel package, and a novel storage method. As a solution, provided is a container for cold storage of an agricultural or horticultural crop, including a sustained-release antimicrobial film that includes a substrate film layer, a volatile antimicrobial active ingredient layer containing at least one selected from the group of volatile antimicrobial active compounds having boiling points in the range of 100°C to 240°C, and a volatile antimicrobial active ingredient-permeable layer formed of a vapor-deposited polymer film that are stacked in this order, the container satisfying requirements 1 to 3 below.

[Requirement 1]; The container for storage has a volume of 25 cm³ or more and 250,000 cm³ or less.

[Requirement 2]; The sustained-release antimicrobial film has an area of 1 cm² or more and 5,000 cm² or less.

[Requirement 3]; The ratio of the area (cm²) of the

sustained-release antimicrobial film to the volume (cm³) of the container for storage is 0.02 or more.

[Figure 1]