

Agricultural Water Quality

Problem statement

Agricultural water quality problem statements relate to economic productivity, crop choice, and operational difficulties. The major problems are:

Delta water quality is often inadequate for agricultural needs.

- Certain water quality contaminants may reduce **agricultural productivity** by reducing crop productivity, the choice of suitable crops, or by increasing costs.
- Certain water quality contaminants such as sediments may result in **operational difficulties**.

Water quality objective

Provide good water quality for agricultural use

- Improve or manage water quality to **maintain or improve agricultural economic productivity** by reducing water quality contaminants that reduce crop productivity on lands receiving Delta water, reduce cropping choices, or increase costs.
- Improve water quality or recommend change in irrigation technology to **minimize operational difficulties**.

Source: CALFED Problem/Objective Definition, March 1996