Water Quality Inlets

Farmer-friendly surface inlet: flexible material reduces damage on impact!

Agri Drain’s low-velocity Water Quality Inlets replace standard inlets in farm fields, ditches, dry dams, and terraces.

They resist plugging and improve water quality by filtering debris before it enters the drainage system.

- Available in 4”, 6”, or 8” diameter in 18” or 36” heights.
- Available in green or yellow.
- 12”-tall mesh sock is installed at the base of the wick to provide additional filtration as soil settles after installation.
- 6”-diameter adapter provides a stable connection to Hickenbottom, Precision, or Quick Drain underground sections, and corrugated plastic tubing. Base will snap into single-wall corrugated plastic tubing.
- All intakes require periodic maintenance.

Applications That Water Quality Inlets Can Be Used For:
- Grassed buffers (image shown below).
- Aquaculture ponds to help eliminate fish loss.
- Replacing standard inlets to achieve equal or greater flow.
- Areas with tall grass or high trash.
- Outlet guards if there are ditch cleaning activities.
- Bioreactors to allow water to be introduced or removed over large areas.
- Residential inlet which is aesthetically pleasing.

Grassed Buffer With Water Quality Inlets On Tile Outlet Terraces

We recommend modifying the design of the channel to include a grass buffer and a series of Water Quality Inlets installed in the channel of the terrace to slowly drain and filter normal rainfall, and a conventional terrace channel inlet installed at 1’ to 1½’ above the flow line of the channel to act as a safety overflow to protect the structure during high rainfall events.