

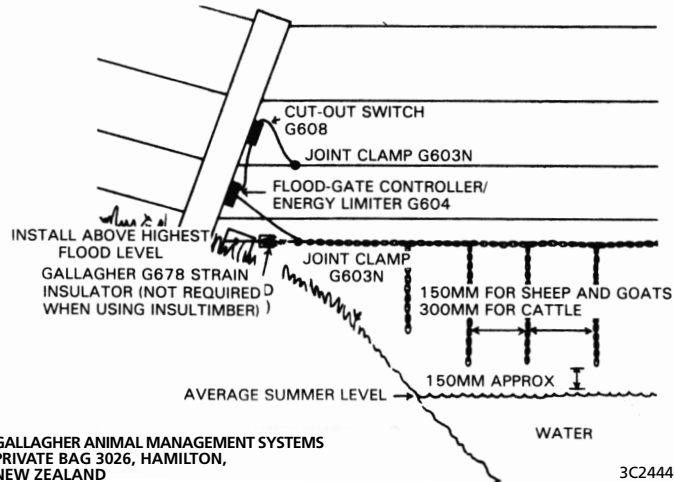
ELECTRIFIED FLOOD GATES

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In heavy rainfall areas when the water level rises, an electric fence that is partly or entirely submerged may lose most of its pulse energy. The Flood Gate and G604 Flood Gate Controller will overcome this problem. Connect G604 Flood Gate Controller between fence and flood gate via G608 Cut-Out Switch. If high flood level is expected to remain for some time, switch the flood gate off.



ELECTRIFIED FLOOD GATE



G604 GALLAGHER FLOOD GATE CONTROLLER/ENERGY LIMITER

Where flood waters rise and short out fences or electrified flood (water) gates, a Gallagher Flood Gate Controller should be used to limit the energy lost.

When there is no leakage, the voltage on the fence or flood gate will be the same as on the fence feeding it and there will be no power loss, but, when there is leakage and a Gallagher Flood Gate Controller is used, the power loss will be limited, even if the fence or flood gate is completely flooded.

A Gallagher Cut-out Switch should be placed before the Flood Gate Controller, so that if there is prolonged flooding the power can be switched off.

Chains should be 150mm apart and from the ground for sheep and goats, and 300mm for cattle.

MATERIALS REQUIRED

- a) High tensile galvanised cross wire (above flood level)
- 2.5mm for width of gate.
- b) Gallagher Galvanised Chain -
2.5mm for normal flood gates
3.5mm for high flood gate
- c) G678 Gallagher Super Strain end insulators - 2
- d) G603 Gallagher Joint Clamps - 4
- e) G604 Gallagher Flood Gate Controller - 1
- f) G608 Gallagher Cut-out Switch - 1
- g) G609 Gallagher 1.6 or 2.5mm Double Insulated Cable
- h) G643 Gallagher Permanent Wire Tightener - 1
Staples to attach Flood Gate Controller - 2

GENERAL

If you consider that too much power is going through the Flood Gate Controller you can place two or more in series.

If animals are getting through the flood gate check that it has been made to the correct design.

Check the voltage before the Flood Gate Controller. It should be at least 3 000 volts, and with no leakage it should be the same on the chains.

If the voltage at the bottom of the chains is too low without pulling them down, use a heavier chain.

With water over the chains voltage should be about 1 000. If animals are getting through during flooding then place two or more Flood Gate Controllers in parallel.

APPLICATIONS FOR THE GALLAGHER FLOOD GATE CONTROLLER/ENERGY LIMITER

1. Electrified Flood Gate.
2. Around the garden where children may make contact.
3. For horse paddocks to ensure horses receive a lower shock.
4. Self feeding silage to prevent shock-timid animals going hungry.
5. Backing gates in dairy yards.
6. Cow trainers.

