"Duckoff" Setup Instructions

Duckoff is an Australian made duck deterrent system that uses a light source to move ducks on from your crops at **night**.

The crops and uses for duckoff include:

- Rice
- Broccoli
- Lettuce
- Gooseberries
- Lychees
- Strawberries

- Town water supplies
- Golf courses
- Artesian water
- Settling ponds
- Swimming pools

These are only a few applications that duckoff can be used for.

- The rotating beam of light moves the ducks on from where the unit is located.
- The area covered is from swimming pools to in excess of 100 acres.
- Larger areas need fewer beacons because they have a piggyback effect of helping each other when they get out of sync.
- Ducks do not like the rotating beam of light and they move on.

A truly green alternative to shooting "Duckoff"

To set up your new "Duckoff" duck deterrent lamp

- 1. First unpack lamp and solar panel and bottom solar panel piece
- 2. Clip top of solar panel over top piece bracket
- 3. Bottom piece clip to solar panel and fit 11/4" bolt and tighten
- 4. Plug in solar panel

Please NOTE:

---- Reversal of this procedure will void all warranties. ----

To connect the battery correctly:

- Red to positive (+)
- Black to negative (-).
- 5. Place duckoff in a central position in the area affected by ducks. Use 3 stakes to hold the unit secure.
- 6. At dusk the **"led" indicator** will turn to a solid lamp [stop flashing] approx ½ an hour after, depending which unit it is the lamp will cycle at 10%, 20%, or 30% cycles per hour during the evening.
- 7. At dawn the lamp will switch off and charge the battery. During the charging of the battery the **"led" indicator** will flash.
- 8. A minimum 50ah deep cycle battery should be used to have a reserve for inclement weather etc.

- 9. To test the duckoff during the day light hours disconnect the solar panel [2 wire keyed plug] wait approximately 20-30 minutes and the unit will cycle
- 10. To read the led during the day light hour the flashing "led" indicator indicates that the duckoff unit has a high voltage and is charging the battery
- 11. A flashing "led" indicator at night indicates too much light eg: car headlamps not dark enough or flat battery.
- 12. Solid "led" indicator at night indicates battery voltage is ok and that it is in cycle mode to check the cycle it is just a matter of waiting and observing

Duckoff" duck deterrent system is made in Australia and out of Australian made components where ever possible"

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"Duckoff" - the green alternative