



PYTHOFF TEST KIT

For determining optimum Pythoff dose rate in recirculating nutrient, run-to-waste nutrient and make-up water

EQUIPMENT SUPPLIED IN TEST KIT

- 1) Pythoff Test Kit Reagent.
- 2) Sample vial with cap.

Precautions: Store kit in a cool, dark and dry place (however do NOT refrigerate) as this will maximise its shelf-life (+2 years).

TESTING PROCEDURE

Step 1. After dosing nutrient tank or raw water with Pythoff (as per Pythoff label instructions), stir well. Wait 5 minutes, restir, then half fill sample vial (clean) with a sample of the nutrient (or water).

Step 2. Immediately place approximately $\frac{1}{3}$ scoop of Pythoff Test Kit Reagent in the sample vial. Place cap onto vial then invert to mix.

Step 3. Allow 60 seconds for a pink colour to develop. Then immediately compare this colour with the target colour on the colour chart (see main container):

- If the colour of the sample is similar (or more intense) then cease dosing*.
- If the colour of the sample is a lot less intense then re-dose at half the previous rate. Return to Step 1**.
- If there is zero colour then re-dose at the same rate used previously. Return to Step 1**.

Step 4. For recirculating systems: After dosing, immediately operate the recirculating pump for about 15 minutes.

NOTES

- For run-to-waste systems and make-up water, use this test kit *occasionally* to determine the *optimum* dose rate. For recirculating nutrient, use this test kit each time Pythoff is used *until* the target colour is achieved using the recommended dose. Thereafter, occasionally use the test kit to check that the recommended dose is sufficient.
- * DO NOT attempt to maintain the Pythoff concentration at this level permanently.
- ** The presence of hydrogen peroxide and some organic additives (e.g. beneficial bacteria) may cause the rapid decomposition of Pythoff making it impossible to achieve the required colour. Therefore it is recommended not to use these products in conjunction with Pythoff. Also, if a clean system is given a single dose at more than 3 to 5 times the recommended dose, the test kit's reagent will be bleached and therefore not yield any colour. **Important:** Contact Flairform if zero colour is yielded after the third dose.

Although the above advice is believed to be accurate and based on test results from a range of plant varieties etc., no responsibility for any errors or omissions in the above recommendations is accepted.

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For further detailed information, Grower's Guide and updates see www.flairform.com