

Translations:Culture de la spiruline/38/en

It is also possible to start the spirulina culture with a smaller volume and grow it to the final volume of the basin. Under ideal conditions, it takes 30 days to go from one litre of culture to 500 litres. The growth phase is more economical because very little spirulina is needed at the beginning. The growing phase can start indoors from the beginning of April.

- Get fresh or concentrated spirulina (see steps above).
- Dilute it with culture medium to obtain a concentration of 3 to 4 on the Secchi disc (For 100 litres of culture solution you need 2 litres of mineral feed or 1 litre of urine and 200ml of iron solution).
- When the concentration approaches 2, increase the culture volume by 1/4. Change container if necessary.
- Repeat the above two steps until a volume equivalent to 10 cm in height is obtained in the final basin, transfer to the basin. Under ideal conditions, the increase in culture volume can be done daily.
- Continue to add culture medium until the final culture volume of 20 cm is reached.
- Make a mark at 20 cm from the bottom to see if the water evaporates and top up with water if necessary.