## 6 Ways to Stir the BD Preparations by Hand

## 1: Stirring with the bare hand

# 1.1: Stirring out of the wrist





For small quantities and for intensive seething.
Tends to build a potential vortex.



Fotos: Long-time exposure without vessel.
Ideal for stirring
larger quantities.
A variety: Stirring out
of the elbow.

## 1.3: How to stir

Start quickly at the bottom in the centre, moving the hand with a loose wrist. As the vortex appears, move the hand towards the outside, moving the whole forearm from the elbow or the whole arm from the shoulder. Than take the hand out of the water and immediatly dive in at the centre to start with a loose wrist in the new direction.

This seethes and mixes more intensive than if you work always at the periphery of the vessel.

Maximal quantity: 45 litres. (Alex Podolinsky)

# 2: Stirring with a stick or similar in one hand

#### Maximal quantity:

In the literature: 15 litres. My own experience: 10 litres.

This can strain your wrist.





# 3: Stirring with two hands, tool not suspended

The upper hand makes the fixed pont, the lower hand rotates.

## Maximal quantity:

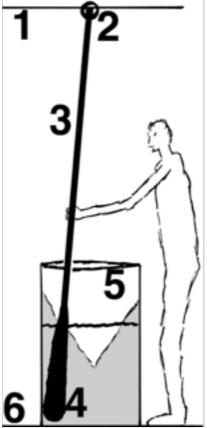
Not found in the iterature. My experience: 20 litres.

## 4: Stirring with a crank Maximal quantity:

Not found in the literature My own experience: Over 100 litres.



## 5: Stirring with a suspended tool



- 1: Support for the suspension.
- 2: Suspension and pivot.
- 3: Straight stick.
- **4:** Stirring tool: The widened lower end of the stick.
- **5:** Stirring vessel, filled at maximum at 2/3.
- **6:** Stirring place. Solide construction allows working without waste of energy.

#### Maximal quantity:

In the literature:
120 - 500 litres.
Never with indication about the method and intensity of the stirring.
My own experience: 150 litres.

### 5.1: How to stir

Work always on the outside lane. Immediatly accelerate to full speed. If you do not manage that, you try to stir too much water or you work with unsuitable tools.

Also after change of direction go immediatly to full speed. For big quantities: Stop (at the very most for two seconds) and than immediatly start at full speed in the new direction.

## 6: Stirring with connected tools

With suspended stirring tools: Too clumsy.

For research purposes: With one crank, a drive belt and some connected tools you can stir all variations of an experiment exactly the same way. (U.J. König, Forschungsring)

Stappung, W.: Die Düngerpräparate Rudolf Steiners – Herstellung und Anwendung. Rüfenacht 2017. ISBN: 978-3-9521944-5-4. p.237 - 264. Stappung, W.: Biologisch-Dynamische Präparate rühren. Rüfenacht 2018.

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