

Extract In-Furrow Distribution Kit

Accurate, reliable delivery of compost extract — straight to the seed, at every row.

The Extract Distribution Kit is designed to mount directly onto your seeder and deliver compost extract precisely into the furrow as seed is placed. Developed and refined over four years of field testing, it ensures consistent performance under practical farming conditions. The biology reaches the seed at exactly the right moment, thereby maximising the contact that makes biological farming work.

Kit Contents

- 3D-printed distribution box with 4–36 outlets
- 12V diaphragm pump, sized to your seeder and working speed
- 1 mm inline suction filter
- 8 mm transparent polyurethane (PU) hoses
- Hoses, fittings and mounting straps
- Optional second 12V pump for gentle tank agitation

Application Rates

Typical rates using extract diluted at 1:10 to 1:20:

- Cereals (12 cm row spacing): 200–300 L/ha
- Maize (75 cm row spacing): 50–100 L/ha

Pump flow calculation: (Litres per hectare × hectares per hour) ÷ 60 = litres per minute required.

Gentle on Biology

The kit is supplied with a 12V diaphragm pump. It is one of the gentlest pump types available for living biology. The system is designed to operate at low pressure, minimising stress on the beneficial microorganisms in the extract from field to furrow.

Precision Delivery

The distribution box delivers extract simultaneously across 4 to 36 rows, timed to reach the furrow exactly as seed is placed. Both research and field experience confirm that direct contact between biology and seed is what drives results. The kit is built to achieve that consistently, row after row.

Important: Do not use equipment previously used for chemical applications unless it has been thoroughly cleaned. Even trace chemical residue can harm beneficial microorganisms. Best practice is to keep biological and chemical equipment entirely separate.

Questions or setup help? Contact IBP Farming ApS. We are happy to help you optimise your system and get the best possible results in the field.