

JORD BIOLIQUID

Organic nutrient & fertigation input

Description

Jord's Bioliquid is a nutrient-rich organic liquid recovered during the mechanical pressing of C4 grass grown on marginal and/or degraded land in the Dominican Republic.

With 640 mg/L nitrogen, 150 mg/L phosphorus and a high organic load, it can be used as an organic nutrient input for fertigation and soil applications. Application rates should be adapted to crop and soil conditions.

Feedstock: C4-grass **Origin:** Dominican Republic



Data table

Parameter	Unit	Value	Method
Total nitrogen (Kjeldahl)	mg/l	640	SFS 5505:1988 mod.
Phosphorus (P)	mg/l	150	SFS-EN ISO 17294-2:2023
Organic load (COD)	mg O ₂ /l	96,000	ISO 15705:2002
pH	-	3.5	SFS 3021:1979 mod.
Electrical conductivity (EC)	dS/m	9.3	SFS-EN 27888:1994 mod.
Suspended solids	mg/l	12,000	SFS-EN 872:2005 mod.
Petroleum hydrocarbons (C10—C40)	mg/l	6.5	SFS-EN ISO 9377-2:2001
Oil, fat & grease	mg/l	230	ISO 11349:2010 / EPA 1664:1999

Heavy metals (total, ICP-MS — SFS-EN ISO 17294-2:2023)

Element	µg/l
Arsenic (As)	18
Cadmium (Cd)	12
Chromium (Cr)	510
Copper (Cu)	2,000
Nickel (Ni)	920
Lead (Pb)	43
Zinc (Zn)	15,000
Mercury (Hg)	<0.10

Independent laboratory testing conducted by Eurofins.

Benefits

- ✓ Nutrient-rich: **640 mg/L N + 150 mg/L P.**
- ✓ High organic load: **96,000 mg O₂/L COD.**
- ✓ **Suitable for fertigation:** liquid and easy to dose.
- ✓ **C4 grass-based:** grown on marginal and degraded land.
- ✓ **Continuous supply:** perennial crop with multiple harvests.

Best use

- Fertigation for suitable crops.
- Organic nutrient input providing nitrogen and phosphorus.
- Soil application as a liquid organic input.
- Feedstock for on-farm or industrial digestate production.

Process note: The Bioliquid is acidic (pH 3.5) and has a high electrical conductivity (EC 9.3 dS/m). Dilute and dose according to crop and soil requirements, and assess heavy metals against applicable local land-application limits before use.

Availability

Available in IBC tanks. Contact us to discuss volumes, application requirements and delivery options.

