

Layanan

Layanan pengujian analisa laboratorium tanah, pupuk, air dan dan tanaman meliputi analisa fisika dan kimia tanah, pengujian pupuk organik dan anorganik, pengujian air dan pengujian jaringan tanaman. Pelayanan yang dilakukan meliputi pengujian sampel tanah, pupuk, air dan tanaman. Pengujian meliputi unsur makro (N, P, K, C, S, B), unsur mikro (Na, Ca, Mg, Fe, Mn, Cu, Zn, Al, Si, Bo), logam berat (Pb, Cd, Co, Mo, As, Hg), pH, KTK, dan Kadar Lumpur.

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D. ANALISIS AIR

| NO | JENIS ANALISIS | TARIF (Rp) |
|---------------------------|---------------------|------------|
| 1 | Kadar lumpur | 18.000 |
| 2 | pH | 14.000 |
| 3 | Daya Hantar listrik | 14.000 |
| 4 | N-NH ₄ | 18.000 |
| 5 | Ca | 18.000 |
| 6 | Mg | 18.000 |
| 7 | PO ₄ | 18.000 |
| 8 | SO ₄ | 18.000 |
| 9 | NO ₃ | 24.000 |
| 10 | K | 19.000 |
| 11 | Na | 19.000 |
| 12 | Fe | 19.000 |
| 13 | Mn | 19.000 |
| 14 | Cu | 19.000 |
| 15 | Zn | 19.000 |
| Determinasi Unsur (ppm) | | |
| | Pb | 24.000 |
| | Cd | 24.000 |
| | Co | 24.000 |
| | Mo | 24.000 |
| | As | 24.000 |
| Determinasi Unsur (ppb) | | |
| | As | 70.000 |
| | Hg | 70.000 |



📍 Jl. KepuhSari No.005 Maguwoharjo, Wedomartani, Ngemplak, Sleman, Daerah Istimewa Yogyakarta

☎ (0274) 884662 / 0858-7843-8548

Laboratorium Kimia Tanah BRMP DIY

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PENDAHULUAN

Balai Penerapan Modernisasi Pertanian Daerah Istimewa Yogyakarta (BRMP DIY) melaksanakan tugas pokok dan fungsinya dengan dukungan SDM serta sarana prasarana yang memadai. Salah satu sarana yang dimiliki adalah Laboratorium berstandar internasional (ISO) dengan sertifikat ISO/IEC 17025:2017 yang diterbitkan oleh Komite Akreditasi Nasional (KAN) dengan nomor sertifikat LP-1751-IDN (Amd-2).*

Laboratorium BRMP DIY memberikan layanan pengujian fisika dan kimia tanah, pengujian jaringan tanaman, pengujian pupuk organik maupun anorganik, serta pengujian air. Layanan ini tidak hanya untuk mendukung kegiatan BRMP DIY, tetapi juga terbuka bagi masyarakat, pemerintah daerah, swasta, perguruan tinggi, mahasiswa, dan petani.



Biaya pengujian

* Sesuai PP Tarif No. 28/2023 tentang tarif PNPB Di Kementerian Pertanian

A. ANALISIS TANAH

| NO | JENIS ANALISIS | TARIF (Rp) |
|----|--|------------|
| 1 | Persiapan contoh | 18,000 |
| 2 | pH-H ₂ O & pH KCl 1 M | 24,000 |
| 3 | C-organik | 24,000 |
| 4 | Nitrogen | 30,000 |
| 5 | Salinitas/DHL | 12,000 |
| 6 | P tersedia | 30,000 |
| 7 | K tersedia | 30,000 |
| 8 | Ekstraksi/Destruksi P potensial | 18,000 |
| 9 | Ekstraksi/Destruksi K potensial | 12,000 |
| 9 | NTK/Kejenuhan Basa Ekstraksi/Destruksi Diterminasi per unsur: | 18,000 |
| | Ca | |
| | Mg | 18,000 |
| | K | 18,000 |
| | Na | 12,000 |
| 10 | Kapasitas Tukar Kation (KTK) | 42,000 |
| 11 | Ekstraksi/Destruksi Al-dd dan H-dd | 24,000 |
| 12 | Penetapan Unsur Makro & Mikro Total Ekstraksi Total Diterminasi per unsur: | 30,000 |
| | P | 12,000 |
| | K | 12,000 |
| | Na | 12,000 |
| | Ca | 12,000 |
| | Mg | 12,000 |
| | S | 12,000 |
| | Fe | 12,000 |
| | Mn | 12,000 |
| | Cu | 12,000 |
| | Zn | 12,000 |
| | Al | 24,000 |
| | Pb | 24,000 |
| | Cd | 24,000 |
| | Co | 24,000 |
| | B | 24,000 |

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|------|---|--------|
| 13 a | Penetapan Unsur Logam Berat Ekstraksi Total (ppm) Diterminasi per unsur: | 42,000 |
| | Pb | 24,000 |
| | Cd | 24,000 |
| | Co | 24,000 |
| | Mo | 24,000 |
| | As | 24,000 |
| 13 b | Penetapan unsur Logam Berat Ekstraksi Total (ppb) Diterminasi per unsur: | 36,000 |
| | As | 72,000 |
| | Hg | 72,000 |
| 13 c | Penetapan Unsur Makro & Mikro Tersedia Ekstraksi Tersedia Diterminasi per unsur : | 24,000 |
| | K | 12,000 |
| | Fe | 12,000 |
| | Mn | 12,000 |
| | Cu | 12,000 |
| | Zn | 12,000 |
| | NO ₃ | 18,000 |
| | NH ₄ | 18,000 |
| | PO ₄ | 18,000 |
| | Ca | 18,000 |
| | Mg | 18,000 |
| | SO ₄ | 18,000 |
| | Pb | 24,000 |
| | Cd | 24,000 |
| | Co | 24,000 |
| | B | 24,000 |
| 13 d | Penetapan Unsur Mikro Ekstraksi Tersedia | 18,000 |
| | Fe | 12,000 |
| | Mn | 12,000 |
| | Cu | 12,000 |
| | Zn | 12,000 |
| 13 e | Penetapan Unsur Makro & Mikro Terlarut Ekstraksi Terlarut | 12,000 |
| | K | 12,000 |
| | Fe | 12,000 |
| | Mn | 12,000 |
| | Cu | 12,000 |
| | Zn | 12,000 |
| | NO ₃ | 18,000 |
| | NH ₄ | 18,000 |
| | PO ₄ | 18,000 |
| | Ca | 18,000 |
| | Mg | 18,000 |
| | SO ₄ | 18,000 |
| | Pb | 24,000 |
| | Cd | 24,000 |
| | Co | 24,000 |
| | B | 24,000 |
| 13 f | Ekstrak Pirofosfat Ekstraksi | 18,000 |
| | Fe | 12,000 |
| | Al | 24,000 |
| | Si | 24,000 |
| 14 | BV dan Ruang Pori Total | 27,500 |
| 15 | pF (pF 1, pF 2, pF 2.54, pF 4.2) | 80,000 |
| 16 | Permeabilitas | 22,500 |
| 17 | Particle Density (PD) | 25,000 |
| 18 | Tekstur 3 fraksi (pasir, debu, liat) | 24,000 |

B. ANALISIS TANAMAN

| NO | JENIS ANALISIS | TARIF (Rp) |
|----|---|------------|
| 1 | Persiapan contoh | 18,000 |
| 2 | Penetapan unsur makro dan mikro Ekstraksi Total Diterminasi per unsur : | 30,000 |
| | P | 12,000 |
| | K | 12,000 |
| | Na | 12,000 |
| | Fe | 12,000 |
| | Mn | 12,000 |
| | Cu | 12,000 |
| | Zn | 12,000 |
| | Ca | 18,000 |
| | Mg | 18,000 |
| | S | 18,000 |
| | Al | 24,000 |
| | Pb | 24,000 |
| | Cd | 24,000 |
| | Co | 24,000 |
| | B | 24,000 |
| 3 | Nitrogen (N-total) | 30,000 |
| 4 | C-organik | 24,000 |

C. ANALISIS PUPUK

| NO | JENIS ANALISIS | TARIF (Rp) |
|----|--|------------|
| 1 | Persiapan contoh | 30,000 |
| 2 | Kadar bahan ikutan / Ukuran Partikel | 24,000 |
| 3 | Penetapan unsur makro dan mikro Ekstraksi Total Ekstraksi Tersedia Ekstraksi Air Diterminasi per unsur : | 72,000 |
| | P | 30,000 |
| | Ca | 30,000 |
| | Mg | 30,000 |
| | S | 30,000 |
| | K | 24,000 |
| | Na | 24,000 |
| | Fe | 24,000 |
| | Mn | 24,000 |
| | Zn | 24,000 |
| | Cu | 24,000 |
| | Al | 35,000 |
| | B | 35,000 |
| 4 | Nitrogen Total (NH ₄ , NO ₃ , N-organik) | 105,000 |
| 5 | C-organik | 24,000 |
| 6 | Kadar abu | 24,000 |
| 7 | pH H ₂ O | 18,000 |
| 8 | Kapasitas Tukar Kation (KTK) | 35,000 |
| 9 | Setara CaCO ₃ | 30,000 |
| 10 | Kadar logam berat Ekstraksi Total (ppm) Diterminasi per unsur: | 72,000 |
| | Pb | 35,000 |
| | Cd | 35,000 |
| | Co | 35,000 |
| | Mo | 35,000 |
| | As | 35,000 |
| | Ekstraksi Total (ppb) Diterminasi per unsur: | 72,000 |
| | As | 70,000 |
| | Hg | 70,000 |