



Pathology Genomics Officer

Background

We are a plantation science company based in North Sumatra, which has been established in recent years as a high-yielding seed producer for the Indonesian oil palm plantation industry.

We are looking to appoint an enthusiastic candidate as a **Pathology Genomics Officer**, ideally with solid molecular biology experience, to be based at our Plantation Science Centre in Deli Serdang area, North Sumatra.

Main functions

1. Develop science-based programmes and research in oil palm pathology and soil health.
2. Work with the Genomics team in the development and application of new molecular techniques.
3. Work with Pathology and Agronomy teams to monitor pathogen and beneficial microorganisms in oil palm fields and nurseries.
4. Work with the Breeding team to assess beneficial traits and develop DNA markers for disease resistance.

Main responsibilities

1. Develop methods for the accurate identification, monitoring and quantification of pathogens and beneficial microorganisms with respect to oil palm cultivation.
2. Conduct research in early detection of oil palm diseases, identify the best planting practices based on the microbial community information, explore beneficial microorganisms for oil palm disease protection.
3. Exploit and introduce new appropriate technologies in oil palm pathology.
4. Ensure all relevant information is readily available and data are analysed, interpreted and summarised. All records of experiments are complete and up-to-date.

Requirements

1. Minimum Bachelor's degree in Biotechnology/Pathology/Pest and Disease.
2. Experience in plant diseases, molecular biology and bioinformatics would be an advantage, but training will be given.
3. Able to initiate work, work individually and in a team, and capable of working in a dynamic science environment.
4. Strong verbal and written communication skills in both English and Bahasa.
5. Competency in basic computer skills.

If you are interested, please kindly apply via JobStreet in this link below:

<https://www.jobstreet.co.id/en/job/4143731>

More info about our company:

<https://verdantbioscience.com/>