

## 187. Prima BAPF

### *Prima BAPF*

Balai Tanaman Hias (Balithi) berhasil merakit tiga formula pestisida hayati. Pestisida hayati adalah formulasi yang mengandung mikroba tertentu baik berupa jamur, bakteri maupun virus yang bersifat antagonis terhadap mikroba lainnya yang diduga sebagai penyebab penyakit tanaman, serta dapat menghasilkan senyawa tertentu yang bersifat racun baik bagi serangga maupun Nematoda (penyakit tanaman). Adapun ketiga pestisida hayati rakitan Balithi adalah Bio-PF, Bio-GL, dan Prima BAPF. Ketiga pestisida hayati ini memiliki kegunaan masing-masing.

Misalnya, Bio-PF yang mengandung material *Pseudomonas fluorescens* cukup efektif dalam mengendalikan penyakit layu bakteri, cendawan dan lainnya. Begitu juga Bio-GL yang berwujud cairan mengandung *Gliocladium spp.* yang mampu mengendalikan penyakit tular tanah yang disebabkan *Phomosis seclerotiodes* dan lainnya.

Sementara itu, Prima BAPF yang memiliki judul teknologi “biopestisida untuk pengendalian penyakit tanaman hortikultura” adalah juga pestisida hayati berbentuk cairan yang mengandung *Bacillus sp.* dan *Pseudomonas fluorescens* yang mampu mengendalikan penyakit akar bengkak, rebah kecambah, layu Fusarium, layu bakteri, busuk dan *Rhizoctonia*. Status Prima BAPF ini telah dilisensikan dengan PT. Primasid Andalan Utama, Jakarta.



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Status Perlindungan HKI :  
Patent (untuk formula emulsi) : P00200600769  
Patent (untuk formula suspensi) : P00200300467  
IPR Protection Status :  
Patent (for emulsion formula) : P00200600769  
Patent (for suspension formula) : P00200300467

*The Indonesian Ornamental Crops Research Institute had succeeded in engineering plant pesticide formulas containing certain microbes in the forms of mold, bacteria, and virus that have an antagonistic character against other microbes suspected to cause plant diseases as well as produces certain toxic compounds for insects and nematodes (plant diseases). The three engineered plant pesticides produced by Indonesian Ornamental Crops Research Institute are Bio-PF, Bio-GL, and Prima BAPF. These three plant pesticides have different uses.*

*For example, Bio-PF that contains Pseudomonas fluorescens material is significantly effective in controlling wilting bacteria disease, molds, and others. Similarly, Bio-GL which is in the fluid form containing Gliocladium spp. Is capable of controlling soil borne disease caused by Phomosis seclerotiodes and others.*

*Meanwhile, Prima BAPF having technological title of “bio pesticide for controlling diseases in horticulture plants” is also liquid plant pesticide containing Bacillus sp. and Pseudomonas fluorescens capable of controlling swollen root disease, falling sprouts, Fusarium wilt, bacterium wilt, rotten and Rhizoctonia. The Prima BAPF status has been licensed to PT. Primasid Andalan Utama, Jakarta.*

