

Rizkyawan Sandika Bayu, 170311100066. Inventarisasi Hama dan Penyakit pada Tanaman Padi Varietas Inpari 32 di Kec. Galis kab. Pamekasan. Dibimbing Oleh: **Ir. Achmad Djunaedy M.P dan Dr. Ir. Gita Pawana, M.Si.**

ABSTRAK

Inventarisasi hama dan penyakit pada tanaman padi varietas inpari 32 sangat penting dilakukan untuk mendapatkan informasi tentang hama dan penyakit yang menyerang tanaman padi varietas inpari 32. Penelitian ini bertujuan untuk Mengetahui tentang hama dan penyakit pada tanaman padi varietas inpari 32 di Kec. Galis Kab. Pamekasan. Penelitian ini menggunakan metode deskriptif dengan teknik observasi lapang. Observasi lapang dilakukan dengan pengamatan langsung varietas padi inpari 32 di lapangan. Parameter yang diamati yaitu jenis hama dan penyakit yang menyerang tanaman padi varietas inpari 32. Hasil penelitian menunjukkan bahwa pada fase vegetatif hama yang menyerang tanaman padi varietas inpari 32 yaitu lalat, Wereng, Hawar pelepah, Walang sangit, Belalang. Penyakit yang menyerang tanaman Padi Varietas Inpari 32 pada fase vegetative yaitu *Xanthomas* dan *Blast*. Sedangkan hama saja yang menyerang pada fase generative yaitu Lalat, Belalang, Wereng, Walang sangit. Hama dan penyakit utama tanaman Padi Varietas Inpari 32 yaitu *Blast*, Lalat, *Xanthomas*, Wereng, *Havar* pelapah, Walang sangit, Belalang dengan tingkat serangan *Blast* sebesar 18.9%, tingkat serangan lalat sebesar 14.9%, tingkat serangan *Xanthomas* sebesar 14.8%, tingkat serangan wereng sebesar 9.21%, tingkat serangan havar pelapah sebesar 12.92%, tingkat serangan walang sangit sebesar 14.1% dan tingkat serangan belalang sebesar 13.6%.

Kata kunci: Hama, inventarisasi, padi varietas inpari 32, penyakit.

Rizkyawan Sandika Bayu, 170311100066. Inventory of Pests and Diseases in Inpari 32 Variety Rice Plants in Kec. Galis reg. Pamekasan. Supervised by: **Ir. Achmad Djunaedy M. P and Dr. Ir. Gita Pawana, M.Si.**

ABSTRACT

The inventory of pests and diseases of rice varieties of Inpari 32 is very important to obtain information about pests and diseases that attack rice plants of varieties of Inpari 32. This study aims to find out about Knowing about pests and diseases of rice plants of varieties of Inpari 32 in Kec. Galis Kab. Pamekasan. This study uses a descriptive method with field observation techniques. Field observations were carried out by direct observation of the Inpari 32 rice variety in the field. The parameters observed were the types of pests and diseases that attacked the Inpari 32 rice plant by calculating the level of attack. The results showed that in the vegetative phase the pests that attacked the Inpari 32 rice plant were flies, planthoppers, havar pelapah, walang sangit, grasshoppers. Diseases that attack the Inpari 32 rice plant in the vegetative phase are Xanthomas and Blast. While the only pests that attack in the generative phase are flies, grasshoppers, planthoppers, walang sangit. The main pests and diseases of the Inpari 32 rice plant are: Blast, Flies, Xanthomas, Planthoppers, Hedgehog Havar, Walang sangit, Grasshopper with Blast attack rate of 18.9%, fly attack rate of 14.9%, Xanthomonas attack rate of 14.8%, leafhopper attack rate of 9.21%, and sheath attack rate of 12.92 %, the pest attack rate is 14.1% and the grasshopper attack rate is 13.6%. The panicle of the Inpari 32 rice plant, which had the lowest level of pest and disease attacks, was found at week 6 panicles, it had a low rate of planthopper attack. The panicle of the Inpari 32 rice plant which had the highest pest and disease attack rate was found in the 8th week panicle, it had the highest blast attack rate.

Keywords: Diseases, Inpari 32 rice varieties, Inventory, Pests,