

RINGKASAN

Magang *Poultry Professional Development* (PPD) dilaksanakan selama empat bulan, mulai tanggal 9 September sampai dengan 4 Desember 2024. Kegiatan *Poultry Integration* yang dilaksanakan mulai tanggal 21 September – 27 Oktober 2024 di Peternakan Mitra PT. CUL (PT. Cemerlang Unggas Lestari) Cabang Cilacap di Eko Setia B Farm. Kandang Eko Setia B Farm memiliki 3 lantai dengan populasi 40.500 ekor dengan kapasitas lantai 1 sebanyak 13.500 ekor, lantai 2 sebanyak 13.500 ekor, dan lantai 3 sebanyak 13.500 ekor. Kegiatan mahasiswa selama di kandang meliputi pemeliharaan ayam broiler, manajemen kandang, sanitasi, *biosecurity*, analisa pertumbuhan, dan analisis usaha. Perkandangan Eko Setia B Farm menggunakan sistem *closed house* dengan ukuran panjang 72 meter, lebar 12 meter, dan tinggi 2 meter. Pakan yang diberikan ada 3 yaitu *pre starter* S00 pada umur 1-7 hari, *starter* S11S pada umur 7-21hari, dan *finisher* S12G pada umur 21 hari sampai panen. *Feed Conversion Ratio* (FCR) dan Indeks *Performance* yang didapat di peternakan Eko Setia B Farm yaitu 1,459 dan 429. Pemberian obat dan vitamin diberikan pada pagi dan sore hari. Total bobot ayam yang dipanen sebesar 84.565 kg dengan jumlah ayam panen sebesar 39.097 ekor dan rata-rata bobot panen 2,216kg/ekor. Analisis finansial di Eko Setia B Farm, biaya operasional Rp 1.640.714.633, keuntungan Rp 143.427.188, rentabilitas 3,28%, dan R/C 1,09. Kunjungan ke PT Charoen Pokphand Indonesia Banyumas Food Division (RPHU) dilaksanakan sebagai pengenalan singkat proses pemotongan ayam hingga menjadi produk ayam potong yang akan diedarkan ke masyarakat. Kegiatan kunjungan ke PT. Charoen Pokphand Jaya Farm unit Semarang 8 Pekalongan dilakukan untuk mengetahui secara singkat proses pemeliharaan bibit ayam (*breeding*) sebelum menjadi final stock yang akan dipelihara oleh peternak. Kegiatan *Feed Processing* dilakukan dengan kunjungan PT Charoen Pokphand Indonesia Feedmill Cirebon sebagai pengenalan singkat tentang proses pembuatan pakan ayam broiler. Kegiatan kunjungan dilakukan dengan tujuan untuk menunjang pembelajaran.

Kata kunci: *Poultry Professional Development*, Eko Setia B Farm, Ayam Broiler, RPHU, *Breeding*, *Feedmill*.

ABSTRACT

The Poultry Professional Development (PPD) internship was conducted for four months, from September 9 to December 4, 2024. Poultry Integration activities were carried out from September 21 to October 27, 2024, at a partner farm of PT CUL (PT Cemerlang Unggas Lestari), Cilacap Branch, located at Eko Setia B Farm. Eko Setia B Farm consists of a three-story poultry house with a population of 40,500 birds, with a capacity of 13,500 birds on the first floor, 13,500 birds on the second floor, and 13,500 birds on the third floor. Student activities at the farm included broiler chicken rearing, housing management, sanitation, biosecurity, growth analysis, and business analysis. The poultry house at Eko Setia B Farm uses a closed-house system with dimensions of 72 meters in length, 12 meters in width, and 2 meters in height. Three types of feed were provided: pre-starter S00 for ages 1–7 days, starter S11S for ages 7–21 days, and finisher S12G from 21 days of age until harvest. The Feed Conversion Ratio (FCR) and Performance Index achieved at Eko Setia B Farm were 1.459 and 429, respectively. Medications and vitamins were administered in the morning and afternoon. The total harvested live weight was 84,565 kg, with 39,097 birds harvested and an average harvest weight of 2.216 kg per bird. Financial analysis at Eko Setia B Farm showed operational costs of IDR 1,640,714,633, a profit of IDR 143,427,188, profitability of 3.28%, and an R/C ratio of 1.09. A visit to PT Charoen Pokphand Indonesia Banyumas Food Division (RPHU) was conducted as an introduction to the process of poultry slaughtering and processing into poultry products distributed to the public. A visit to PT Charoen Pokphand Jaya Farm, Semarang 8 Pekalongan unit, was carried out to gain an overview of the breeding process before chicks become final stock raised by farmers. Feed Processing activities were conducted through a visit to PT Charoen Pokphand Indonesia Feedmill Cirebon as an introduction to the broiler feed manufacturing process. These visits were conducted to support and enhance the learning experience.

Keywords: *Poultry Professional Development, Eko Setia B Farm, Broiler Chickens, RPHU, Breeding, Feedmill.*