Pelatihan Seleksi Pohon Plus, Budidaya, Hama-Penyakit, dan Perbenihan Guna Menunjang Sertifikasi Benih Tanaman Hutan

(Training on Plus Tree Selection, Cultivation, Pest–Disease Management, and Seed Production to Support Forest Plant Seed Certification)

Noor Farikhah Haneda[1*], Ulfah Juniarti Siregar[1], Bayu Winata[1], Dede Sudrajat[2]
[1] IPB University, Bogor, Jawa Barat, Indonesia 16680
[2] Badan Riset dan Inovasi Nasional, Jakarta Pusat, DKI Jakarta 10340
[*]Penulis Korespondensi: nhaneda@apps.ipb.ac.id

ABSTRAK

Sengon (*Falcataria falcata*) merupakan pohon cepat tumbuh yang banyak dibudidayakan karena termasuk *multipurpose species*. Hama-penyakit yang paling banyak menyerang sengon adalah hama penggerek batang boktor (*Xystrocera festiva*) dan penyakit karat tumor yang disebabkan fungi *Uromicladium falcatarum*. Sosialisasi dan pelatihan pemuliaan pohon plus sengon penting supaya masyarakat desa hutan dapat menanam sengon yang lebih tahan hama penyakit dan meningkatkan produktivitas hutan rakyat. Kegiatan ini bertujuan memberikan sosialisasi dan pelatihan komprehensif kepada masyarakat desa hutan dan pemangku kepentingan mengenai pengenalan hama penyakit, pemuliaan pohon plus (termasuk teknologi dan sertifikasi benih), serta budidaya sengon. Kegiatan dilaksanakan pada tanggal 10 Juni 2025 di Kantor SPTH Dinas Kehutanan Jawa Barat dan diikuti oleh 30 orang peserta, 4 orang pemateri, 5 orang asisten, dan 3 orang tenaga pendukung untuk membantu jalannya kegiatan Dospulkam. Pelatihan ini mengangkat 4 materi pokok, yaitu pemilihan pohon plus, hama penyakit tanaman sengon, budidaya sengon dan kualitas tapak, serta perbenihan tanaman hutan. Praktikum mengenai pemilihan pohon plus diikuti oleh seluruh peserta pelatihan agar lebih memahami materi mengenai pohon plus yang telah disampaikan. Evaluasi keberhasilan pelatihan dalam memberikan ilmu pada peserta diketahui melalui perhitungan nilai pre-test dan posttest. Hasil menunjukan semua materi pelatihan menunjukkan peningkatan nilai post-test, terutama materi hama dan penyakit tanaman hutan yang naik 6 poin, namun materi perbenihan dan sertifikasi tanaman hutan tidak menunjukkan adanya peningkatan nilai. Hambatan dalam pelaksanaan kegiatan ini yaitu terbatasnya waktu yang dimiliki oleh tim Dospulkam 2025.

Kata kunci: boktor, karat-tumor, pelatihan, sengon, sosialisasi

ABSTRACT

Sengon (*Falcataria falcata*) is a fast-growing tree widely cultivated as a multipurpose species. The most common pests and diseases attacking sengon are the stem borer (*Xystrocera festiva*) gall rust disease caused by the fungus *Uromicladium falcatarum*. Socialization and training on plus-tree breeding for sengon are crucial so that forest village communities can grow sengon that is more resistant to pests and diseases, thereby increasing the productivity of community forests. This activity aimed to provide comprehensive socialization and training to forest village communities and relevant stakeholders regarding the identification of pests and diseases, plus-tree breeding (including seed technology and certification), and sengon cultivation. The activity was held on June 10, 2025, at the SPTH Office of the West Java Forestry Service, and was attended by 30 participants, 4 speakers, 5 assistants, and 3 supporting staff members to facilitate the Dospulkam activity. The training covered four core topics: plus tree selection, sengon pests and diseases, sengon cultivation and site quality, and forest seed technology. A practical session on plus-tree selection was attended by all participants to deepen their understanding of the plus-tree material presented. The success of the training in imparting knowledge was evaluated by calculating pretest and post-test scores. The results indicated that all training materials showed an increase in post-test scores, particularly the forest pest and disease material, which rose by 6 points, although the seed technology and forest certification material showed no increase in scores. The main constraint in implementing this activity was the limited time available to the Dospulkam 2025 team.

Keywords: *boktor*, gall-rust, sengon, socialization, training