

Special Issue

Advances in Oil Tea

Message from the Guest Editors

Oil tea is the general name of the oil species of *Camellia* in the Theaceae family. It is a perennial evergreen shrub and small tree that is widely distributed in the hilly areas of Southern China. Tea Oil is characterized by high amounts of unsaturated fatty acids, with more than 85 percent of oleic acid, and Oil tea is also known as one of the world's four major woody oil plants. Due to increasing demands for this very healthy oil, the scale of Oil Tea cultivation in China has been expanding in recent years. However, low production and low efficiency are prominent problems, and the mechanism affecting oil tea yield formation is unclear; in addition, all kinds of cultivation measures and environmental factors affect the formation of seed yield. Although some high-yield forests have appeared in recent years due to the improvement in varieties, the problem of low average yield still cannot be addressed, especially with the frequent high temperatures and dry weather in the summer and low temperatures and freezing rain in the winter, which further cause reduced production and low yields.

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