

**RESEARCH IMPACT OF MICRO-ORGANIC FERTILIZERS
ON CUTTING TECHNIQUES IN DIFFERENT SEASONS,
YIELD AND QUALITY OF WINTER-SPRING TEA
PRODUCTION IN PHU THO**

Nguyen Ngoc Nong, Phan Chi Nghia, Nguyen Van Toan

Summary

This study investigated the effect of micro-organic fertilizers on nutrient accumulation in tea roots, thus providing a solution to minimize the effect of different season tea harvesting on winter-spring tea production. The results showed that the application of organic compost to make tea leaves grow dramatical strongly, increase the leaf area index by 0.64 LAI. Therefore, it increased root starch accumulation in all months, especially in April to 197.6 mg/g. The application of organic fertilizer Song Gianh with 1300 kg/ha replaced 30% of the value of macaque to minimize the effect of different seasons cutting tea in April, the yield of tea in winter-spring tea production increased 2.7 kg/ha while still ensuring the quality of tea material, the taste test results reached 16.9 points, ranked quite.

Keywords: Pruning tea off season, winter-spring tea, micro-organic fertilizers, Phu Tho, starch.