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Effects of Cutting Back Pruning on Sprouting and Fruit Production of Japanese Pepper (*Zanthoxylum piperitum* (L.) DC. f. *inense*) Trees

[Takaaki Maeda](#)¹⁾, [Yoshimi Yonemoto](#)²⁾, [Hirokazu Higuchi](#)³⁾ and [Takeshi Teraoka](#)⁴⁾

1) Okinawa Branch, Jinnai Tropical Fruit Tree Laboratory

2) Jinnai Tropical Fruit Tree Laboratory

3) Graduate School of Agriculture, Kyoto University

4) Arida Agricultural Cooperative

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Pruning of Budousanshou (*Zanthoxylum piperitum* (L.) DC. f. *inense*) was investigated to determine whether the pruning degree influences sprouting and fruit production. The mother branches were divided into three groups by length, and three pruning treatments were set up, i.e. no pruning, cutting back 1/3, cutting back

for each mother branch group. The sprouting rate, spike-bearing shoot and berry number in the fruit cluster were compared next spring. A greater tendency toward higher many flower numbers, berry number berry numbers per mother branch after cutting back 1/3. These numbers higher than those in the other pruning groups for the medium mother sprouting rate increased when trees were pruned by cutting back 2/3. shoot rate tended to become higher after cutting back 1/2 or 2/3.

Key Words: [berry number](#), [flower number](#), [spike bearing shoot rate](#)

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