

Research Diversification of Coffee Plant: from Seed Production to Effective Use of Unused Resources (Prof. Morio IJIMA, ijimamorio@nara.kindai.ac.jp)

Research Area

1. Development of new cultivar
(Gamma-ray and Cross Breeding, Grafting, etc.)
2. Evaluation of environmental stress resistance
(Flooding, Drought, Extreme Temperatures, etc.)
3. Control of floral bud formation
(Plant Growth Regulator, Environmental stimulus, etc.)
4. High value-added products by the cultivation technique
(Functional substances, Aroma component, etc.)
5. Effective use of unused resources
(Leaf, fruit, coffee grounds, etc.)



Figure: A 18 years old coffee plant grown in pot soil condition.

Recent Activities

- Yamane K, Kono M, Fukunaga, T, Iwai K, Sekine R, Watanabe Y, Iijima M. 2013. Field evaluation of coffee grounds application for crop growth enhancement, weed control, and soil improvement. *Plant Production Science*, 17: 93-102.