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| Module designation | *Organic Agriculture* | |
| Module level, if applicable | *Bachelor* | |
| Code, if applicable | *PNT20193038* | |
| Subtitle, if applicable |  | |
| Courses, if applicable | 1. *Definition and Scope of Organic Agriculture* 2. *Regulations on Organic Agriculture* 3. *Sustainable Land Management* 4. *Integrated / Integrated Agriculture* 5. *Cropping Pattern* 6. *Fertilizers in Organic Farming* 7. *Water Quality in Organic Farming* 8. *Integrated Pest and Disease Management* 9. *Potential Greenhouse Gas Emissions in Organic Agriculture* 10. *Standardization and certification of standards for organic products* | |
| Semester(s) in which the module is taught | *Uneven* | |
| Person responsible for the module | *Dr. Sri Nuryani Hidayah Utami, M.P* | |
| Lecturer | *Dr. Sri Nuryani Hidayah Utami, M.P*  *Dr. Benito Heru Purwanto* | |
| Language | *Bahasa/Indonesian language* | |
| Relation to curriculum | *Compulsory* | |
| Type of teaching, contact hours | *Lecture, practical, presentation* | |
| Workload | *2/0 SKS or 3,02/0 ECTS* | |
| Credit points |  | |
| Requirements according to the examination regulations | *Presence must be 70% of all meetings*  *Has to accomplished all the assignments* | |
| Recommended prerequisites | *-* | |
| Module objectives/intended learning outcomes | *Students have knowledge of the principles of organic farming*  *Students understand the benefits and importance of organic farming for sustainable agriculture*  *Students can analyze the advantages and disadvantages of organic farming* | |
| Content | 1. *Definition and Scope of Organic Agriculture* 2. *Regulations on Organic Agriculture* 3. *Sustainable Land Management* 4. *Integrated / Integrated Agriculture* 5. *Cropping Pattern* 6. *Fertilizers in Organic Farming* 7. *Water Quality in Organic Farming* 8. *Integrated Pest and Disease Management* 9. *Potential Greenhouse Gas Emissions in Organic Agriculture* 10. *Standardization and certification of standards for organic products* |
| Study and examination  requirements and forms of examination | *Assesment Presentasi/UTS/UAS* |
| Media employed | *Text, Presentation, Visual & Audio Web.* |
| Reading list | 1. *Black, C.A. 1967. Soil Plant Relationship. John Wiley and Sons. vii + 618 h.* 2. *Cooke, C.W. 1975. Fertilizing for Maximum Yield. The English Language Book Soc. And Crosby Lockwood Staples. London. Xx + 297 h.* 3. *Cosico, W.C. 1985. Organic Fertilizer : Their Nature, Properties & Use. College of Agriculture. University of Phillipines. Los Banos, 136 h* 4. *Foth, H.D. & B.G. Ellis. 1988. Soil Fertility. Reston Pub. Co. Virginia. Xii +368 h.* 5. *Jones, U.S. 1979. Fertilizer and Soil Fertility. Reston Pub. Co. Virginia. Xii 368 h.* 6. *Miller, R.W. & R.L. Donahue. 1990. Soils. An Introduction to Soils and Plant Growth. Prentice-Hall New Jersey. Xiv = 768 h.* 7. *Roesmarkam, A. & NY. Yuwono. 2002. Ilmu Kesuburan Tanah. Kanisius. Yogyakarta. ISBN 979-21-0468-2. 224 hal.* 8. *Russel, E.W. 1978. Soil Condition & Plant Growth. McGraw Hill. New York. 60 h.* 9. *Sastrohoetomo, A. 1968. Pupuk Buatan dan Penggunaannya. Djambatan. Jakarta. X + 60 h* 10. *Thompson, L.M. & F.R. Troeh. 1978. Soils & Soil Fertility. McGraw-Hill Pub. xi + 516 h.* 11. *Tisdale, S.L., W.L. Nelson & J.D. Beaton. 1986. Soil Fertility and Fertilizers. MacMillan Pub. New York. xiv + 754 h* |