

<b>Module Name</b>	<b>Seed Production Technique</b>
<b>Module Level, if applicable</b>	Advance
<b>Code if Applicable</b>	0420206009
<b>Subtitle, if applicable</b>	-
<b>Courses, if applicable</b>	0420206009 (Seed Production Technique)
<b>Semester(s) in which the module is taught</b>	6 (CoE), Seed Industry
<b>Person responsible for the module</b>	Dr. Ir. Agus Zainudin, MP.
<b>Lecturer</b>	Dr. Ir. Syarif Husen, MP. and partners from seed industry
<b>Language</b>	Indonesian
<b>Relation to curriculum</b>	Center of Excellence (CoE) Courses for undergraduate program in Department of Agrotechnology, Faculty of Agriculture and Animal Science.
<b>Type of teaching, contact hours</b>	Lecture, Project, Presentation, Independent learning, Fieldtrip, Examination
<b>Workload</b>	<ol style="list-style-type: none"> <li>1. Lecture: 2 scu × 50 minutes × 16 weeks</li> <li>2. Project: 2 scu × 60 minutes × 16 weeks</li> <li>3. Independent Learning: 1 scu × 60 minutes × 4 weeks</li> <li>4. Fieldtrip: 1 scu x 170 minutes x 6 weeks</li> <li>5. Examination 2 hours x 60 minutes x 2 time</li> </ol>
<b>Credit points</b>	3 SCH x (1.5) = 4.5 ECTS
<b>Requirements according to the examination regulations</b>	<ol style="list-style-type: none"> <li>1. Registered in this course</li> <li>2. Minimum 80% attendance in this course</li> </ol>
<b>Recommended prerequisites</b>	No prerequisites
<b>Module Objectives (Intended learning outcomes)</b>	Students can understand and explain the science in terms of cultivation techniques for seed production purposes, collaboration with farming partners for seed production, and agricultural communication.
<b>Module Content</b>	This course facilitates students to learn and understand the cultivation techniques for seed production purposes, collaboration with farming partners for seed production, and agricultural communication. What conditions must be considered in the seed production process, both in open fields and in greenhouses, for hybrid and non-hybrid seeds, so that the resulting seeds pass quality tests and can be processed further.
<b>Study and examination requirements and forms of examination</b>	<p><b>Cognitive:</b> Midterm exam, Final exam, Quizzes, Assignments</p> <p><b>Affective:</b> Assessed from the element /variables achievement, namely (a) Contributions (attendance, active, role, initiative, and language), (b) Being on time, (c) Effort.</p>

<b>Media employed</b>	Classical teaching tools with whiteboard, power point presentation, object/materials in industry and farmers
<b>Recommended Literature</b>	<p>For Class</p> <p>A. Compulsory</p> <ol style="list-style-type: none"> <li>1. Module from partners (seed industry)</li> <li>2. PP Nomor 26 Tahun_2021 tentang Penyelenggaraan Bidang Pertanian Peraturan Menteri Pertanian Nomor 23 tahun 2021 tentang Pembenihan Hortikultura Nomor 12/Permentan/Tp.020/4/2018 Tentang Produksi, Sertifikasi, dan Peredaran Benih Tanaman. Peraturan Menteri pertanian Nomor 12/Permentan/Tp.020/4/2018 Tentang Produksi, Sertifikasi, dan Peredaran Benih Tanaman</li> <li>3. Peraturan Pemerintah Nomor 26 Tahun_2021 tentang Penyelenggaraan Bidang Pertanian</li> <li>4. Peraturan Menteri Pertanian Nomor 23 tahun 2021 tentang Pembenihan Hortikultura</li> <li>5. I Ketut Siadi dan I Gusti Ngurah Raka. 2017. Penataan Sistem Perbenihan. Udayana. Bali.</li> <li>6. IPBH (Ikatan Produsen Benih Hortikultura). 2021. <a href="https://ipbh.org/tentang/">https://ipbh.org/tentang/</a> &amp; <a href="https://ipbh.org/anggota/">https://ipbh.org/anggota/</a></li> <li>7. Asosiasi Perbenihan Indonesia <a href="https://asbenindo.org/anggota/">https://asbenindo.org/anggota/</a></li> <li>8. Wahyuni dkk. 2021. Teknologi dan Produksi Benih. Penerbit Yayasan Kita Penulis.</li> <li>9. CUTM. 2020. Experiment Field techniques for Hybrid seed production.</li> <li>10. K. Parimala, K. Subramanian. S. Mahalinga Kannan and K. Vijayalakshmi.2013. A Manual on Seed Production and Certification. Centre for Indian Knowledge Systems, Chennai Revitalising Rainfed Agriculture Network.</li> <li>11. Eddy Triharyanto. 2015. Produksi Benih. UNS.</li> <li>12. Ryan Budi, Setiawan Resti, Fajarfika, Muhammad Asril, Evan Purnama Ramdan. 2021. Teknologi Produksi Benih. Penerbit. Yayasan Kita Menulis.</li> <li>13. Yenni Kusandriani dan Agus Muharam. 2005. Produksi Benih Cabai.</li> </ol> <p>B. Asih Farmia dan Agus Wartapa. 2018. Produksi benih Hibrida. Option</p> <ol style="list-style-type: none"> <li>1. Various related journals (most recent 10 years).</li> <li>2. Various related textbooks.</li> </ol>
<b>Date of Last Amendment</b>	23 <sup>rd</sup> August 2022

