



29	INSYANI HAYATI	2019610008	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
30	IPAH NURAZIZAH	2019610016	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)
31	KHOFIFA HALIMAH T.	2019610019	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
32	KUNCORO WISNU M.	2019610028	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
33	ADITYA KUSHERDIAN	2019610045	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	?	?	H (2/2)	H (2/2)	?	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)
34	LILIS NABILA	2019610061	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
35	M. Yoga Maulidan	2019610043	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?
36	MAYA ROMA YATI	2019610027	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
37	MOZA RAIHANA M.	2019610020	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
38	MUCHTARULLAH	2015610038		?	H (2/2)	?	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	?	?
39	MUH. LEFRY HAEKAL	2019610062	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)
40	MUHAMMAD AKMAL	2017610080	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	?
41	MUH. DIYEN ASLIM Z.	2019610094	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
42	MUH. FARHAN AL-H.	2019610034	?	?	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?
43	MUH. FARID FATH.	2019610025	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
44	Mukhtar Pulungan	2019610076	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
45	NAUFAL FAIZ	2019610072	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
46	NOVANTO TRY N.	2019610048	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
47	NUR RIZHA ADI K.	2019610047	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	?	?	H (2/2)
48	OCTAVIONA CAHYA N.	2019610050	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
49	CAROLINA PUTRI	2019610056	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	A (0/2)	?	H (2/2)	H (2/2)
50	RAIHAN ISBINTARA	2019610070	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
51	RASYID KHADAFI	2016610069	?	?	?	?	?	?	?	H (2/2)	?	?	H (2/2)	?	?	?	?
52	REZA FIRDAUS	2019610012	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
53	Rifat Putra Hermawan	2019610003	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)
54	RIZKY RAMADHANI	2019610054	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
55	SALMA NURINTAN S.	2019610036	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
56	SALMAH	2019610060	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
57	SALSYA ARSALTY	2019610051	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
58	DEDE ILMAN S.	2019610058	H (2/2)	H (2/2)	H (2/2)	?	?	?	?	?	?	?	?	?	?	?	?
59	SRI MAHESA PUTRA	2017610076	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
60	SYAKIRA AMELIA	2019610004	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
61	WANG ARIF	2019617001	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)
62	Wildan Nurtsalis A.	2019610022	H (2/2)	?	H (2/2)	H (2/2)	H (2/2)	I (1/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	?	?	?
63	WIWIT SULISTIONO	2019610015	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	H (2/2)	?	H (2/2)	H (2/2)	?



**UNIVERSITAS MUHAMMADIYAH JAKARTA**  
**FAKULTAS PERTANIAN**

JL. KH. Dahlan Cirebonu Ciputat Jakarta Selatan, Telp. 021 7430689

**NILAI SEMESTER GANJIL TAHUN AKADEMIK 2020/2021**  
**PROGRAM STUDI AGROTEKNOLOGI**

**Mata Kuliah: TANAMAN BIOENERGI & TANAMAN OBAT AG2330**

**Kelas : A-2**

**DOSEN : Helfi Gustia**

NO	NAMA	NIM	HDR	TGS	UTS	UAS	NILAI	MUTU
1	WILDAN ABDILAH	2019610022	71.42	95	65	0	<b>50.39</b>	<b>C-</b>
2	NUR RIZHA ADI KUMAR	2019610047	92.86	93	77.5	57.5	<b>75.51</b>	<b>B+</b>
3	FARIZ AKBAR KHAERUD	2019610002	92.86	95	80	75	<b>83.29</b>	<b>A-</b>
4	MUHAMMAD AKMAL	2017610080	92.86	93	65	85	<b>81.79</b>	<b>A-</b>
5	MUHAMMAD FARHAN	2019610034	78.57	15	85	80	<b>65.11</b>	<b>B-</b>
6	EKA AMALIA PUTRI	2019610055	100	91	70	90	<b>85.25</b>	<b>A</b>
7	SYAKIRA AMELIA	2019610004	100	91	85	85	<b>88</b>	<b>A</b>
8	WANG ARIF	2019617001	100	93	80	80	<b>85.25</b>	<b>A</b>
9	SALSYA ARSALTY	2019610051	100	94	77.5	82.5	<b>85.63</b>	<b>A</b>
10	ACHMAD ARSYAD	2019610032	35.71	0	60	0	<b>21.57</b>	<b>E</b>
11	DITA ARU	2019610066	100	90	80	82.5	<b>85.38</b>	<b>A</b>
12	MUHAMMAD DIYEN A	2019610094	100	93	77.5	85	<b>86.25</b>	<b>A</b>
13	FADILAH DWI AULIA	2019610023	100	96	82.5	87.5	<b>89.38</b>	<b>A</b>
14	ADE BAI HAQI	2019610026	92.86	93	80	90	<b>88.04</b>	<b>A</b>
15	HAGGI FADJRI DOMINI	2019610071	100	94	80	80	<b>85.5</b>	<b>A</b>

16	DINDA EVITA	2019610030	100	99	87.5	87.5	<b>91.63</b>	<b>A</b>
17	NAUFAL FAUZI	2019610072	100	96	65	62.5	<b>75.38</b>	<b>B+</b>
18	M RIFKI FATURRAHMA	2019610025	92.86	91	65	75	<b>77.79</b>	<b>B+</b>
19	ADRYAN FAUZI	2019610065	85.71	92	50	80	<b>74.57</b>	<b>B</b>
20	REZA FIRDAUS	2019610012	100	91	75	90	<b>86.75</b>	<b>A</b>
21	ARIADHIVA FRADHANA	2019610014	100	91	87.5	87.5	<b>89.63</b>	<b>A</b>
22	GILANG RIZKY ALVIAN	2015610019	100	93	60	55	<b>70.5</b>	<b>B-</b>
23	M RIFKI GUNAWAN	2019610031	100	90	67.5	85	<b>82.5</b>	<b>A-</b>
24	MUHAMAD LEFRY HAE	2019610062	100	99	77.5	90	<b>89.5</b>	<b>A</b>
25	KHOFIFA HALIMAH TUS	2019610019	100	94	80	80	<b>85.5</b>	<b>A</b>
26	AZHAR HASIBUAN	2019610067	0	0	0	0	<b>0</b>	<b>E</b>
27	INSYANI HAYATI	2019610008	100	97	75	87.5	<b>87.38</b>	<b>A</b>
28	ALDILA HENI	2019610017	100	91	80	85	<b>86.5</b>	<b>A</b>
29	RIFAT HERMAWAN	2019610003	100	95	85	82.5	<b>88.13</b>	<b>A</b>
30	HOLIDA	2019610073	100	96	77.5	80	<b>85.25</b>	<b>A</b>
31	GIGIH IMANTA	2019610041	100	92	70	90	<b>85.5</b>	<b>A</b>
32	RAIHAN ISBINTARA	2019610070	100	95	67.5	90	<b>85.5</b>	<b>A</b>
33	IBNU JABR RAMADHAN	2019610052	100	97	80	90	<b>89.75</b>	<b>A</b>
34	DWI AYUNI JUMIARSIH	2019610059	100	96	80	90	<b>89.5</b>	<b>A</b>
35	RASYID KHADAFI	2016610069	21.42	0	67.5	0	<b>19.33</b>	<b>E</b>
36	ADITYA KUSHERDIAN	2019610045	78.57	0	45	42.5	<b>36.23</b>	<b>E</b>
37	AKBAR MAULANA	2019610046	100	96	30	65	<b>65.75</b>	<b>B-</b>
38	M. YOGA MAULIDAN	2019610043	100	50	55	47.5	<b>55.63</b>	<b>C</b>
39	MUCHTARULLAH	2015610038	85.71	89	62.5	60	<b>70.07</b>	<b>B</b>
40	MOZA RAIHANA MUDH	2019610020	100	94	90	87.5	<b>91.13</b>	<b>A</b>
41	AHMAD MUHARIDUL A	2019610010	100	93	85	85	<b>88.5</b>	<b>A</b>
42	KUNCORO WISNU MUF	2019610028	100	93	77.5	82.5	<b>85.38</b>	<b>A</b>
43	HARID MUZADID AL FA	2019610006	100	97	72.5	77.5	<b>83.13</b>	<b>A-</b>
44	LILIS NABILA	2019610061	100	94	75	95	<b>89.25</b>	<b>A</b>
45	OCTAVIANA CAHYA NIN	2019610050	100	97	80	95	<b>91.5</b>	<b>A</b>
46	FILDI NOPANTRI	2019610095	71.42	0	80	0	<b>0</b>	<b>E</b>
47	NOVANTO NUGROHO	2019610048	100	96	72.5	90	<b>87.25</b>	<b>A</b>
48	IPAH NURAZIZAH	2019610016	100	96	70	80	<b>83</b>	<b>A-</b>
49	IBRA OCDIVIANA	2019610035	100	94	72.5	92.5	<b>87.63</b>	<b>A</b>

50	INDAH LESTARI PUJIAS	2017610056	100	97	60	67.5	<b>75.88</b>	<b>B+</b>
51	MUKHTAR PULUNGAN	2019610076	100	96	50	50	<b>66.5</b>	<b>B-</b>
52	SRI MAHESA PUTRA	2017610076	100	97	72.5	72.5	<b>81.38</b>	<b>A-</b>
53	CAROLINA PUTRI	2019610056	100	94	80	65	<b>80.25</b>	<b>A-</b>
54	RIZKY RAMADHANI	2019610054	100	97	57.5	55	<b>70.75</b>	<b>B</b>
55	MAYA ROMA YATI	2019610027	100	94	85	75	<b>85.25</b>	<b>A</b>
56	SALMAH SALMAH	2019610060	100	86	77.5	87.5	<b>85.38</b>	<b>A</b>
57	Iman Satrio	2019610053	92.86	96	50	62.5	<b>70.16</b>	<b>B</b>
58	SALMA NURINTAN SAV	2019610036	100	94	72.5	85	<b>85</b>	<b>A</b>
59	DEDE ILMAN SEPTIAWA	2019610058	21.42	0	0	0	<b>2.142</b>	<b>E</b>
60	DZY DILLA SHIDQIA	2019610009	100	93	77.5	82.5	<b>85.38</b>	<b>A</b>
61	DANA AL AZHAR SINAG	2019610068	100	45	70	75	<b>68.5</b>	<b>B-</b>
62	WIWIT SULISTIONO	2019610015	92.86	93	80	85	<b>86.29</b>	<b>A</b>
63	DIMAS YUDISTIRA	2019610049	85.71	97	72.5	62.5	<b>76.45</b>	<b>B+</b>

Keterangan:
Presensi: 10%
Tugas : 25%
UTS : 30%
UAS : 35%

Jakarta, 25 Januari 2021

Dosen,

Helfi Gustia





**UNIVERSITAS MUHAMMADIYAH JAKARTA**

**FAKULTAS PERTANIAN**

JL. KH. Dahlan Cirebon Ciputat Jakarta Selatan, Telp. 021 7430689

**BERITA ACARA PERKULIAHAN**

**SEMESTER GANJIL TAHUN AKADEMIK 2020/2021**

**PROGRAM STUDI AGROTEKNOLOGI**

**Mata kuliah : TANAMAN BIOENERGI DAN TANAMAN OBAT**

**Kelas : A2**

**DOSEN: Hefi Gustia**

<b>NO</b>	<b>TANGGAL</b>	<b>STANDAR KOMPETENSI</b>	<b>MATERI PEMBELAJARAN</b>
1	15 Sept 2020	Kontrak dan rencana perkuliahan  Pendahuluan	Memahami dan melaksanakan kontrak dan rencana perkuliahan Menjelaskan dan menerangkan tentang: - Sasaran dan manfaat kuliah tanaman bioenergi dan tanaman obat - Peluang dan tantangan - Pengelompokan tanaman bioenergi dan tanaman obat
2	22 Sept 2020	Energi masa depan	Menjelaskan dan menerangkan tentang: - Beda bioenergi tradisional dan <i>modern</i> - Peran sektor energi dalam pembangunan nasional - Dua dimensi konsep ketahanan energi dalam era globalisasi - Ketahanan energi Potensi energi baru terbarukan
3	29 Sept 2020	Energi masa depan 2	Menjelaskan dan menerangkan tentang: - Penggolongan energi primer - Peluang dan tantangan - Berbagai sumber energi
4	6 Okt. 2020	Keanekaragaman tanaman penghasil minyak untuk biodiesel dan tanaman obat	Menjelaskan dan menerangkan tentang: - Jenis tanaman penghasil minyak sebagai bahan baku biodiesel baik tanaman pangan maupun non-pangan dan tanaman obat - Teknik ekstraksi minyak : sokletasi, perkolasi dan pengepresan
5	13 Okt. 2020	Bahan bakar nabati	Menjelaskan dan menerangkan tentang: - Sejarah dari bahan bakar nabati - Indonesia sumberbahan bakar nabati - Keutamaan bahan bakar nabati - Dampak lingkungan bahan bakar minyak

6	20 Okt. 2020	Energi hijau	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Sumber energi hijau</li> <li>- Jenis bahan bakar energi bio</li> <li>- Konversi biomassa menjadi gas</li> <li>- Premium, pertalite, pertamax, pertamax turbo</li> </ul>
7	27 Okt. 2020	Biodiesel	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Bahan baku biodiesel</li> <li>- Teknologi produksi trans esterifikasi kasi, esterifikasi, esteritransesterifikasi</li> <li>- Prospek pengembangan biodiesel di Indonesia</li> </ul>
8	03 Nov. 2021	Biogas	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Proses pembentukan biogas</li> <li>- Bahan dan fermentasi</li> <li>- Sistem produksi biogas dan pemanfaatannya</li> <li>- Faktor yang mempengaruhi pembuatan biogas</li> </ul>
9	10 Nov. 2021	Bioetanol	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Bahan baku bioethanol</li> <li>- Teknologi produksi bio-etanol: <i>pretreatment</i>, <i>hidrolisis</i>, fermentasi dan destilasi</li> <li>- Karakterisasi bioetanol</li> </ul>
10	17 Nov. 2021	Ubi kayu	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Peluang dan tantangan ubi kayu bahan bioenergi</li> <li>- Teknik pembuatan bioetanol bahan baku ubi kayu</li> <li>- Tanaman ubi kayu bermanfaat sebagai tanaman</li> </ul>
11	24 Nov. 2020	Kayu manis	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Keutamaan kayu manis sebagai bahan baku biofuel</li> <li>- Teknologi produksi biofuel bahan baku kayu manis</li> <li>- Kayu manis sebagai tanaman obat</li> </ul>
12	1 Des. 2020	Tebu	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Prospek pemanfaatan tebu sebagai bahan baku bioenergi</li> <li>- Ketersediaan bahan baku</li> <li>- Pembuatan bioetanol dengan cara fermentasi</li> <li>- Tebu sebagai tanaman obat</li> </ul>
13	8 Des. 2020	Aren	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"> <li>- Perkembangan aren</li> <li>- Potensi aren sebagai bahan baku biofuel</li> <li>- Pengolahan biofuel</li> <li>- Aren sebagai tanaman obat</li> </ul>



14	15 Des 2020	Jarak	Menjelaskan dan menerangkan tentang: <ul style="list-style-type: none"><li>- Proses pembuatan biodiesel jarak pagar</li><li>- Proses pembuatan CJO</li><li>- Jarak pagar sebagai tanaman obat</li></ul>
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