

LAMPIRAN

Lampiran I. *Layout* Penelitian

DUL2S3	BUL1S2	BUL3S2	CUL1S3	FUL2S1	EUL2S2	FUL2S1	CUL1S1	FUL1S1
DUL3S2	BUL1S1	BUL2S1	CUL1S2	CUL2S2	DUL1S2	DUL1S1	AUL1S3	EUL1S1
AUL3S1	FUL1S2	EUL1S3	EUL1S2	FUL2S3	AUL1S2	BUL3S3	AUL1S1	FUL3S3
BUL2S3	AUL2S1	FUL2S2	CUL3S3	BUL1S3	AUL2S2	BUL2S2	FUL3S2	DUL3S3
FUL1S3	EUL3S3	DUL2S1	DUL2S1	EUL2S3	EUL3S2	BUL2S1	DUL2S2	CUL2S3
EUL2S1	AUL3S2	CUL2S1	AUL2S3	CUL2S1	AUL3S3	EUL2S1	DUL1S3	CUL3S2

Keterangan :

A : Pupuk daun 3g/L + TDZ (*Thidiazuron*) 2mg/L

B : Pupuk daun 3g/L + Ekstrak Jagung muda 100g/L

C : Pupuk Organik Cair 3ml/l + TDZ (*Thidiazuron*) 2mg/L

D : Pupuk Organik Cair 3ml/l + Ekstrak Jagung muda 100g/L

E : Medium MS + TDZ (*Thidiazuron*) 2mg/L

F : Medium MS + Ekstrak Kecambah 100g/L

UL : Ulangan 1,2,3

S : Sampel 1,2,3

Lampiran II. Kandungan Medium

a. Medium MS

Unsur	Komponen	Medium
		MS
Unsur Makro	NH_4NO_3	1650 mg/l
	KNO_3	1900mg/l
	$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	370 mg/l
	KH_2PO_4	170 mg/l
	$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	440 mg/l
	$\text{MnSO}_4 \cdot 4\text{H}_2\text{O}$	16,9 mg/l
	$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$	8,6 mg/l
	Unsur Mikro	H_3BO_4
$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$		0,025 mg/l
$\text{Na}_2\text{MoO}_4 \cdot 2\text{h}_2\text{O}$		0,25 mg/l
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$		0,025 mg/l
KI		0,83 mg/l
Na2EDTA		37,3 mg/l
$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$		27,8 mg/l
Komponen Organik	<i>myo-inositol</i>	100 mg/l
	<i>Pyridoxine HCl</i>	0,5 mg/l
	<i>Thiamine HCl</i>	1,0 mg/l
	<i>Asam nikotimic</i>	0,5 mg/l
	<i>Glycine</i>	100 mg/l

b. Kandungan Pupuk Daun *Growmore*

Guaranted Analyses	
Total Nitrogen (N) (%)	32
Ammonical Nitrogen (%)	3,90
Nitrate Nitrogen (%)	5,70
Urea Nitrogen (%)	10,60
Available Phosphoric Acid (P ₂ O ₅) (%)	10
Soluble Potash (K ₂ O) (%)	10
Calcium (Ca) (%)	0,05
Magnesium (Mg) (%)	0,10
Chelated Magnesium (%)	0,10
Sulfur (S), Combined (%)	0,20
Baron (B) (%)	0,02
Copper (Cu) (%)	0,05
Chelated Copper (%)	0,05
Iron (Fe) (%)	0,10
Chelated Iron (%)	0,10
Manganese (Mn) (%)	0,05
Chelatec Manganese (%)	0,05
Molybdenum (Mo) (%)	0
Zinc (Zn) (%)	0,05
Chelated Zinc (%)	0,05

c. Kandungan Pupuk Organik Cair.

Pupuk Organik (250 ml)	
Kandungan	Komposisi
C-org (%)	8,70
N (%)	4,45
P (%)	4,92
K (%)	4,57
Mg (%)	0,03
S (%)	0,69
Ca (%)	0,005
Cl (%)	0,50
Fe (ppm)	397
Mn (ppm)	2166
Cu (ppm)	507
Zn (ppm)	359
B (ppm)	149
Mo (ppm)	5
Pb (ppm)	0,4
Cd (ppm)	0,1
Co (ppm)	16
As (ppm)	0,1
Asam Amino (%)	0,282
Asam Humik (%)	0,150
Asam Fulfik (%)	0,30
IAA (ppm)	33,62
Zeatin (ppm)	32,45
Kinetin (ppm)	40,87
GA ₃ (ppm)	94,80

Lampiran III. Hasil perhitungan medium

a. Perhitungan Medium Ms

Stok	Kebutuhan	
	1 liter	200 ml
MS	4,43 g	0,886 g
Sukrosa	30 g	6 g
Agar	35 g	7 g
Arang aktif	0,2 g	0,04 g
Vitamin	10 ml	2 ml
Myo inositol	10 ml	2 ml
PPM	0,5 ml	0,1 ml

b. Perhitungan Medium Pupuk Daun

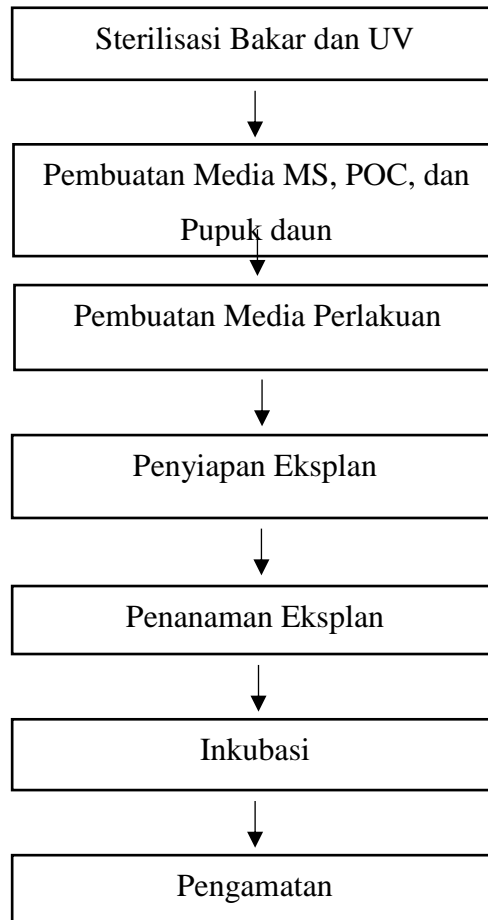
Stok	Kebutuhan	
	1 liter	200 ml
Pupuk Daun	3gr/L	0,6 g
Sukrosa	30 g	6 g
Agar	35 g	7 g
Arang aktif	0,2 g	0,04 g
Vitamin	10 ml	2 ml
Myo inositol	10 ml	2 ml
PPM	0,5 ml	0,1 ml

c. Perhitungan media POC






Stok	Kebutuhan	
	1 liter	200 ml
POC	3mg/L	0,6 ml
Sukrosa	30 g	6 g
Agar	35 g	7 g
Arang aktif	0,2 g	0,04 g
Vitamin	10 ml	2 ml
Myo inositol	10 ml	2 ml
PPM	0,5 ml	0,1 ml

d. Perhitungan ZPT

ZPT	Kebutuhan	
	1 liter	200 ml
TDZ	2mg/L	0,6 ml
Ekstrak Jagung Muda	100 gr/L	20 ml

Lampiran IV. Tata Cara Penelitian

Lampiran V. Dokumentasi Penelitian

a. Sterilisasi Alat	
b. Pembuatan Media	  
c. Penanaman eksplan di LAF	

d. Pengamatan perkembangan tunas



e. Dokumentasi eksplan sebelum di inokulasi

