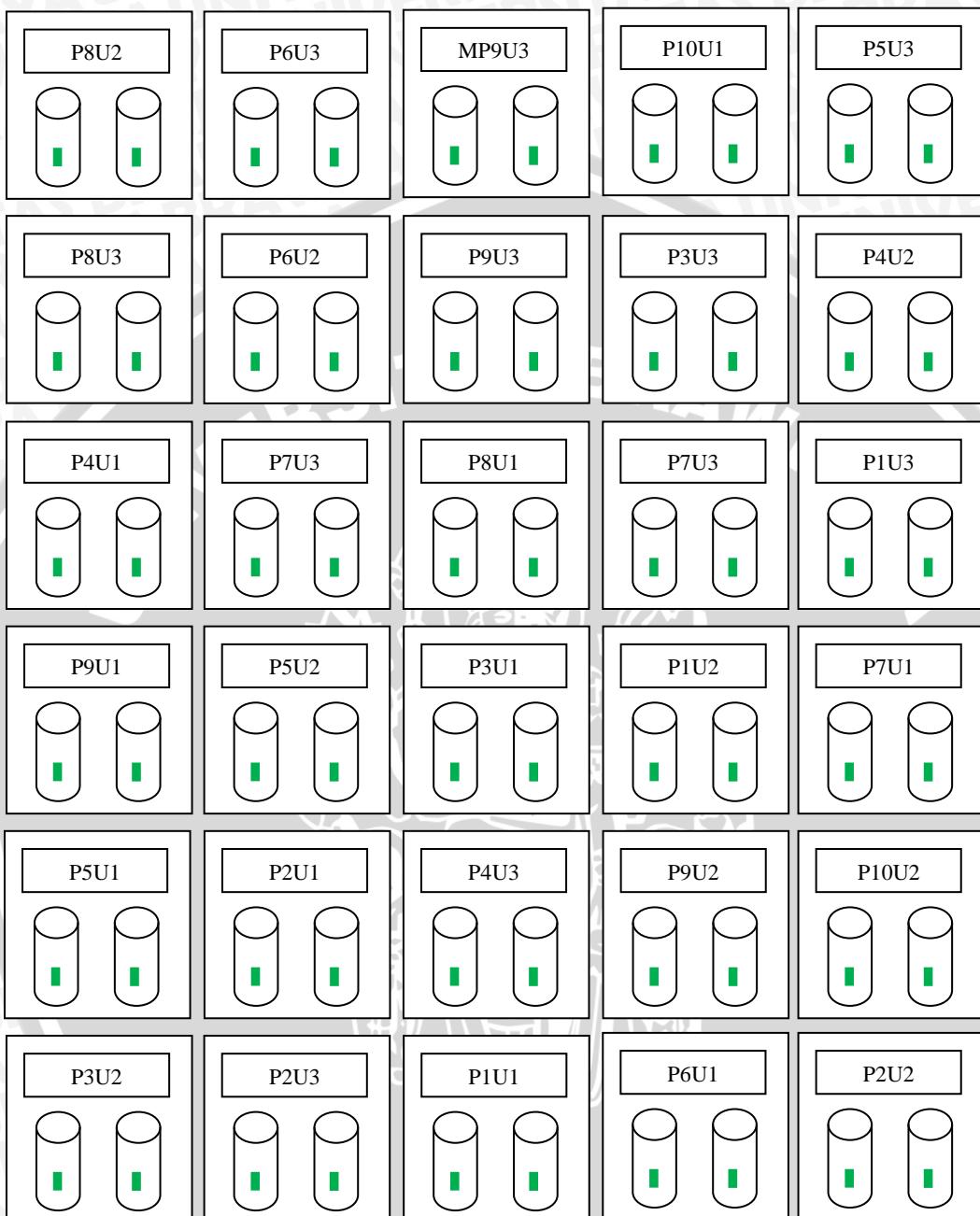


Lampiran 1. Denah Penelitian



Keterangan:

P1 = media $\frac{1}{2}$ MS + BAP 0 ppm
 P2 = media $\frac{1}{2}$ MS + BAP 0,5 ppm
 P3 = media $\frac{1}{2}$ MS + BAP 1,5 ppm
 P4 = media $\frac{1}{2}$ MS + BAP 2 ppm
 P5 = media $\frac{1}{2}$ MS + BAP 2,5 ppm
 P6 = media NP + BAP 0 ppm
 P7 = media NP + BAP 0,5 ppm
 P8 = media NP + BAP 1,5 ppm

P9 = media NP + BAP 2 ppm
 P10 = media NP + BAP 2,5 ppm

U = Ulangan
 = Botol kultur
 = Eksplan

Lampiran 2. Perhitungan Pembuatan Media 1/2 MS

Volume media yang dibuat	$= 500 \text{ ml} (\text{tiap perlakuan } 100 \text{ ml})$
Kebutuhan larutan stok makro MS	$= \frac{1/2 \text{MS} \times 500 \text{ ml}}{10} = 25 \text{ ml}$
Kebutuhan larutan stok mikro MS	$= \frac{1 \text{ MS} \times 500 \text{ ml}}{100} = 5 \text{ ml}$
Kebutuhan larutan Fe-EDTA	$= \frac{1 \text{ MS} \times 500 \text{ ml}}{100} = 5 \text{ ml}$
Kebutuhan larutan stok vitamin	$= \frac{1 \text{ MS} \times 100 \text{ ml}}{100} = 5 \text{ ml}$
Kebutuhan vitamin C	$= \frac{50 \text{ mg}}{1000 \text{ ml}} \times 500 \text{ ml} = 25 \text{ mg}$
Kebutuhan sukrosa	$= \frac{30000 \text{ mg}}{1000 \text{ ml}} \times 500 \text{ ml} = 15000 \text{ mg}$
Kebutuhan agar	$= \frac{6000 \text{ mg} \times 1000 \text{ ml}}{1000 \text{ ml}} = 600 \text{ mg}$
Kebutuhan BAP:	
Kebutuhan ZPT NAA 0,1 ppm	$= \frac{0,1 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 0,1 \text{ ml}$
Kebutuhan ZPT BAP 0,5 ppm	$= \frac{0,5 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 0,5 \text{ ml}$
Kebutuhan ZPT BAP 1 ppm	$= \frac{1 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 1 \text{ ml}$
Kebutuhan ZPT BAP 2 ppm	$= \frac{2 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 2 \text{ ml}$
Kebutuhan ZPT BAP 2,5 ppm	$= \frac{2,5 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 2,5 \text{ ml}$



Lampiran 3. Perhitungan Pembuatan Media NP

Volume media yang dibuat = 500 ml (tiap perlakuan 100 ml)

$$\text{Kebutuhan larutan stok makro MS} = \frac{1 \times 500}{10} = 50 \text{ ml}$$

$$\text{Kebutuhan larutan stok mikro MS} = \frac{1 \times 500 \text{ ml}}{100} = 5 \text{ ml}$$

$$\text{Kebutuhan larutan Fe-EDTA} = \frac{1 \times 500 \text{ ml}}{100} = 5 \text{ ml}$$

$$\text{Kebutuhan larutan stok vitamin} = \frac{1 \times 100 \text{ ml}}{100} = 5 \text{ ml}$$

$$\text{Kebutuhan vitamin C} = \frac{50 \text{ mg}}{1000 \text{ ml}} \times 500 \text{ ml} = 25 \text{ mg}$$

$$\text{Kebutuhan sukrosa} = \frac{20000 \text{ mg}}{1000 \text{ ml}} \times 500 \text{ ml} = 10000 \text{ mg}$$

$$\text{Kebutuhan agar} = \frac{6000 \text{ mg} \times 1000 \text{ ml}}{1000 \text{ ml}} = 600 \text{ mg}$$

Kebutuhan BAP:

$$\text{Kebutuhan ZPT NAA 0,1 ppm} = \frac{0,1 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 0,1 \text{ ml}$$

$$\text{Kebutuhan ZPT BAP 0,5 ppm} = \frac{0,5 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 0,5 \text{ ml}$$

$$\text{Kebutuhan ZPT BAP 1 ppm} = \frac{1 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 1 \text{ ml}$$

$$\text{Kebutuhan ZPT BAP 2 ppm} = \frac{2 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 2 \text{ ml}$$

$$\text{Kebutuhan ZPT BAP 2,5 ppm} = \frac{2,5 \text{ ppm} \times 100 \text{ ml}}{100 \text{ ppm}} = 2,5 \text{ ml}$$