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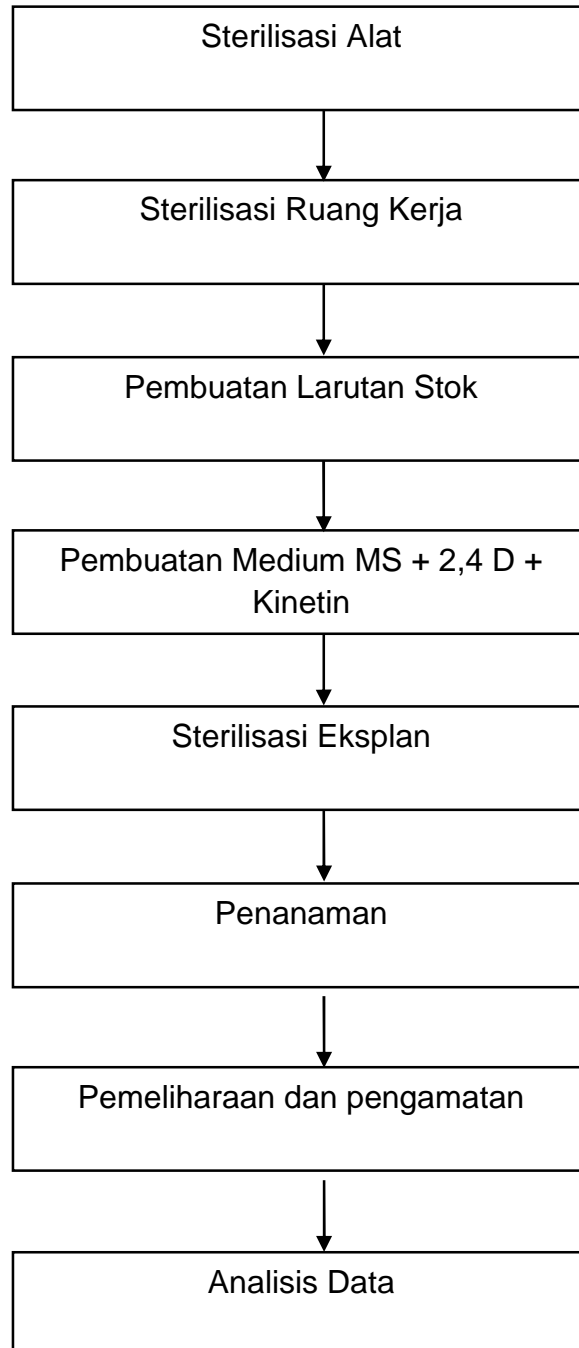
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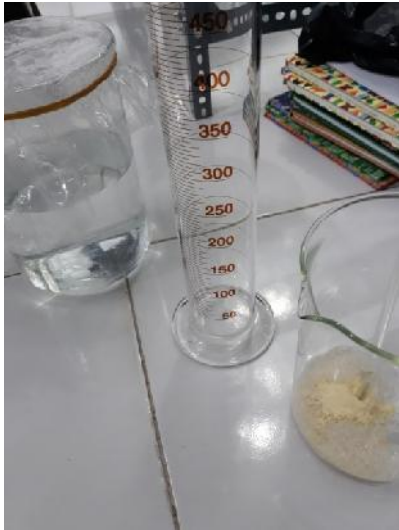
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Lampiran 1. Skema Kerja



Lampiran 2. Pembuatan Medium MS +2,4 D dan Kinetin



Lampiran 3. Sterilisasi Eksplan



Lampiran 4. Penanaman dan subkultur

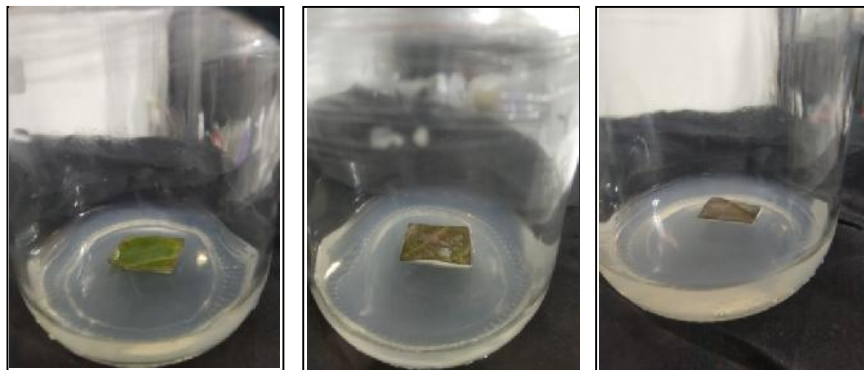


Lampiran 5. Pemeliharaan dan Pengamatan

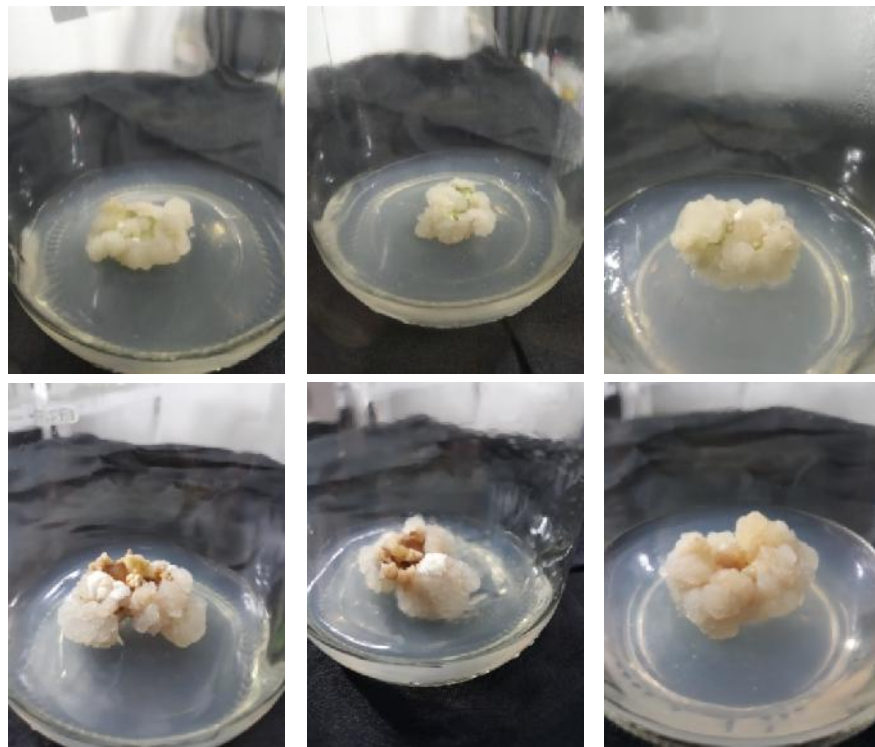


Lampiran 6. Hasil Pengamatan Kalus embriogenik dan Embrio Somatik Kopi Arabika Toraja var.lini-s 795 Dengan Penambahan Hormon 2,4 D dan Kinetin.

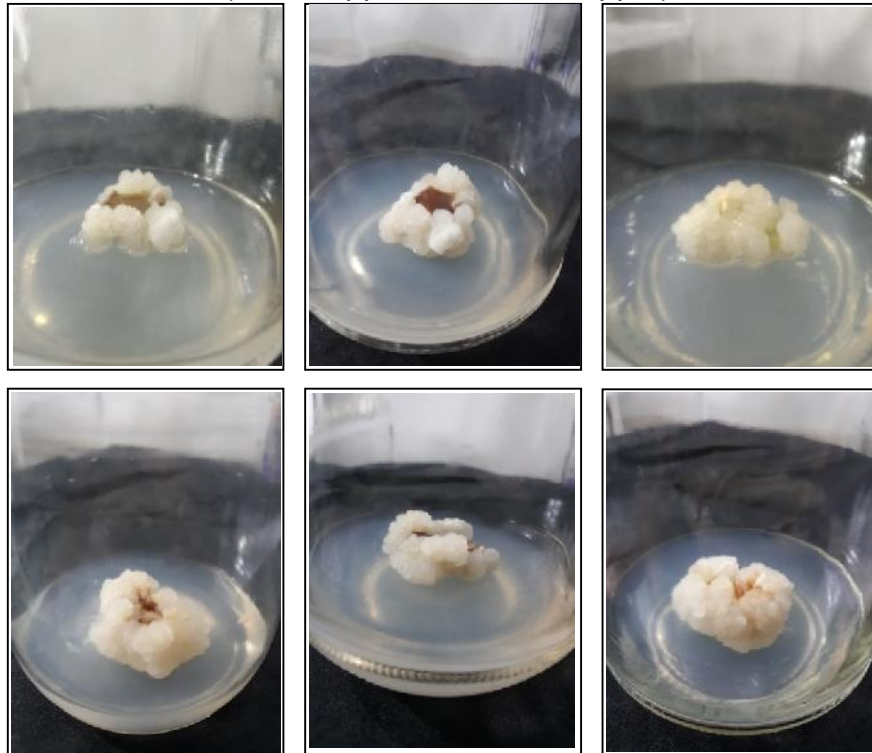
Y0 (Tanpa penggunaan 2,4D dan kinetin)



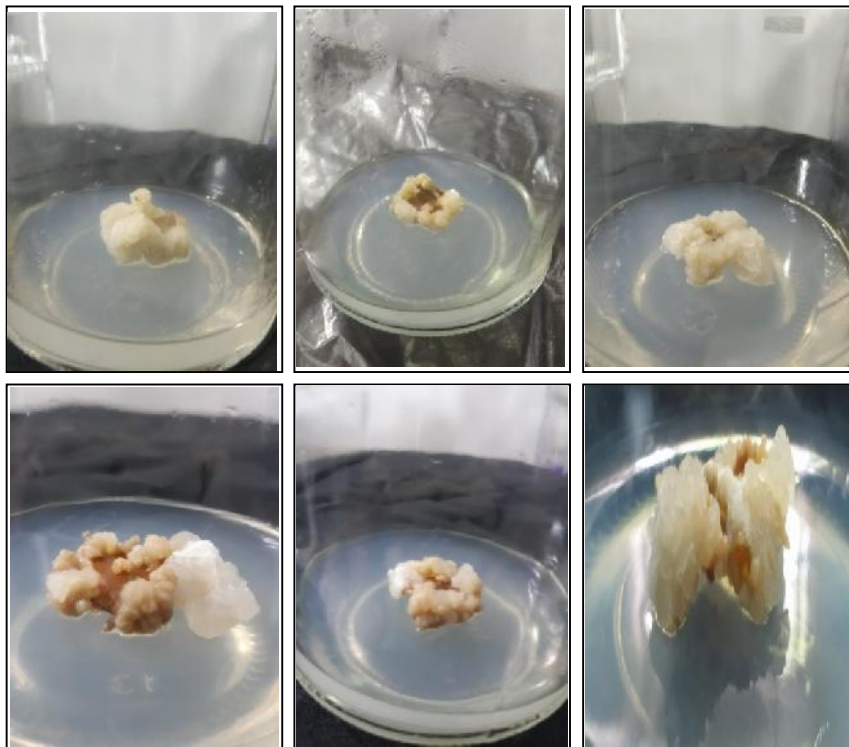
Y1 (2,4 D 0,5 ppm + kinetin 0,5 ppm)



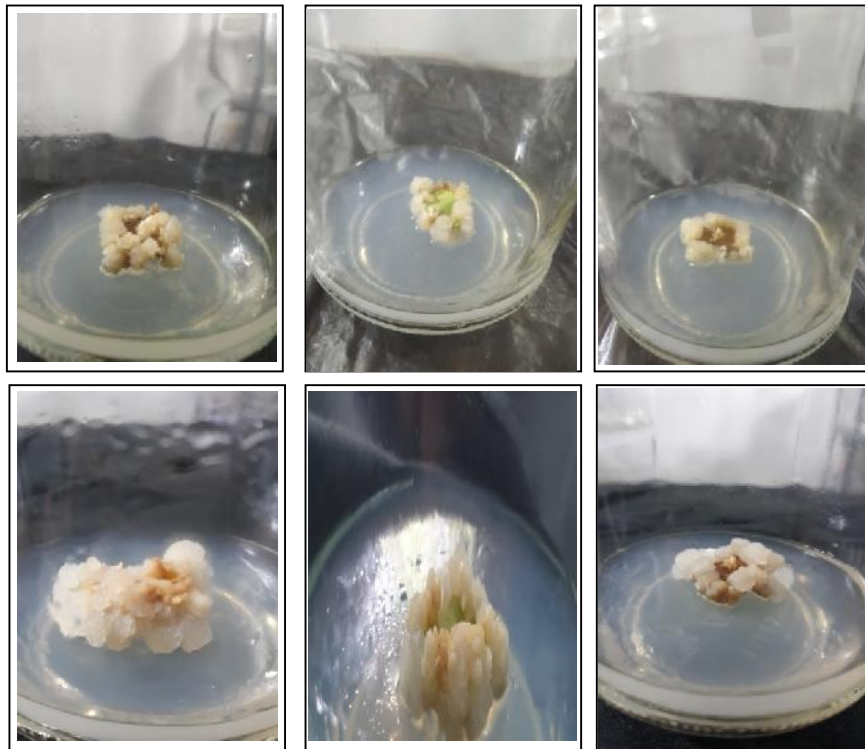
Y2 (2,4 D 1 ppm + kinetin 0,5 ppm)



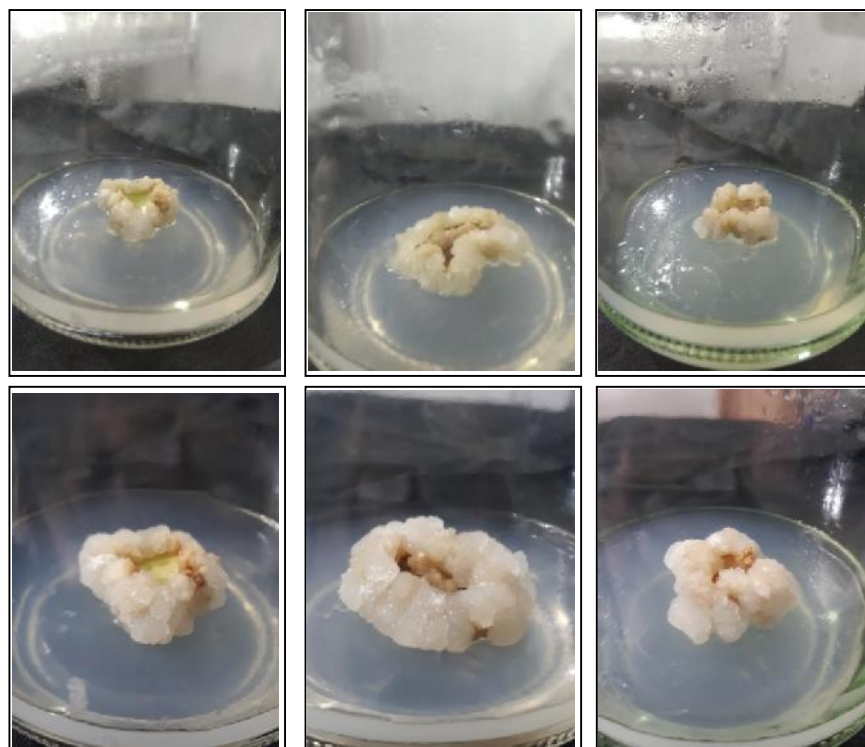
Y3 (2,4 D 2 ppm + kinetin 0,5 ppm)



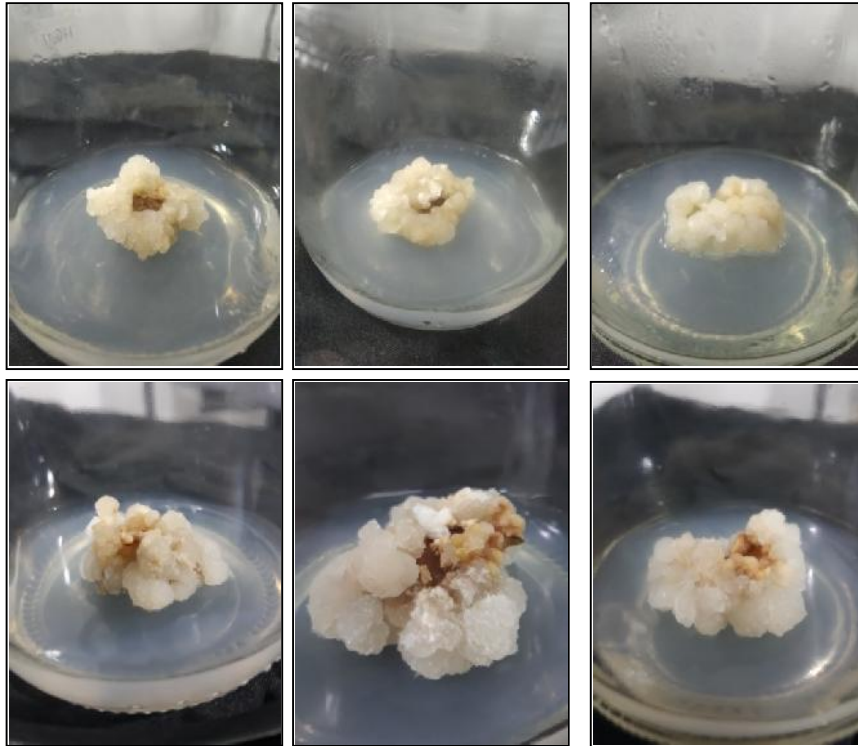
Y4 (2,4 D 0,5 ppm + kinetin 1 ppm)



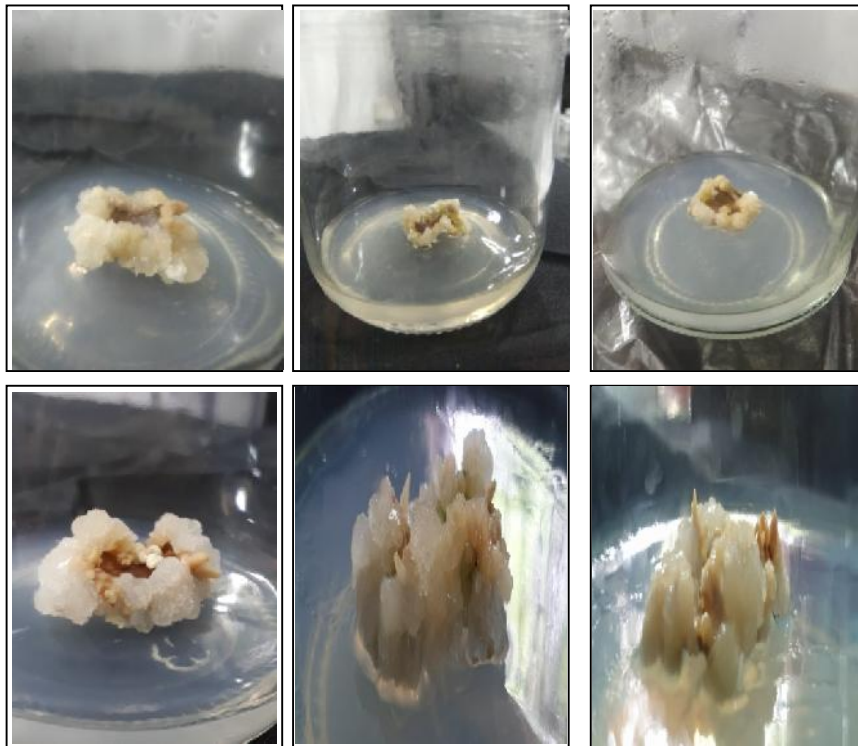
Y5 (2,4 D 1 ppm + kinetin 1 ppm)



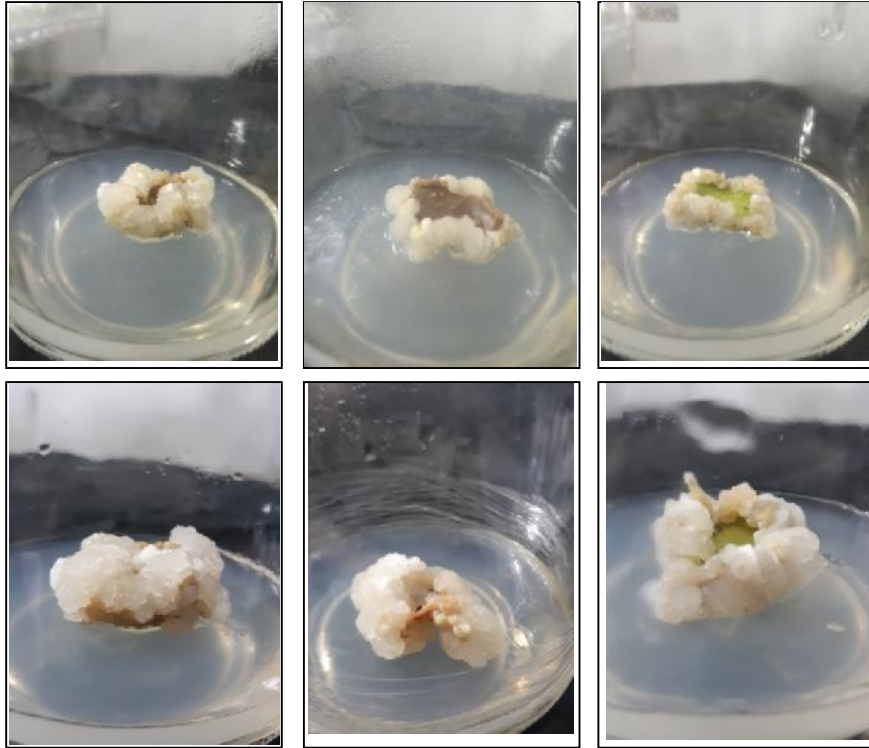
Y6 (2,4 D 2 ppm + kinetin 1 ppm)



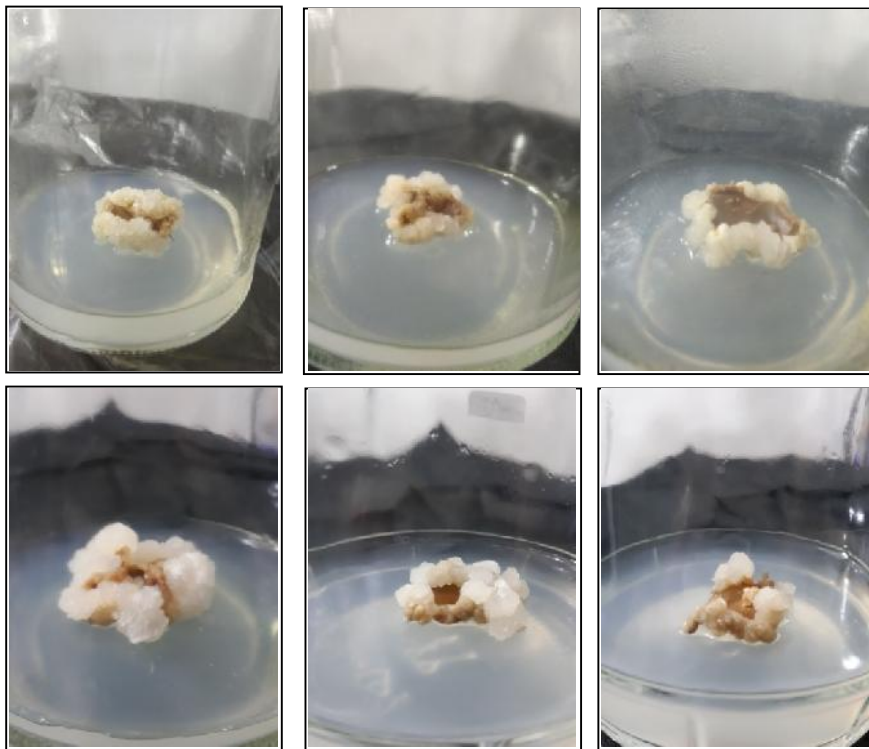
Y7 (2,4 D 0,5 ppm + kinetin 2 ppm)



Y8 (2,4 D 1 ppm + kinetin 2 ppm)



Y9 (2,4 D 2 ppm + kinetin 2 ppm)



Lampiran 7. Tabel Anova dan uji DMRT Hari Muncul Kalus

ANOVA

HARITUMBUHKALUS

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 763,500 | 9 | 84,833 | 36,357 | ,000 |
| Within Groups | 46,667 | 20 | 2,333 | | |
| Total | 810,167 | 29 | | | |

HARITUMBUHKALUS

Duncan^a

| PERLAKUAN | N | Subset for alpha = 0.05 | | |
|-----------|---|-------------------------|---------|---------|
| | | 1 | 2 | 3 |
| Y0 | 3 | ,0000 | | |
| Y9 | 3 | | 14,0000 | |
| Y3 | 3 | | 16,0000 | 16,0000 |
| Y8 | 3 | | 16,0000 | 16,0000 |
| Y4 | 3 | | 16,6667 | 16,6667 |
| Y5 | 3 | | 16,6667 | 16,6667 |
| Y6 | 3 | | 16,6667 | 16,6667 |
| Y2 | 3 | | | 17,0000 |
| Y1 | 3 | | | 17,3333 |
| Y7 | 3 | | | 18,0000 |
| Sig. | | 1,000 | ,071 | ,176 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 8. Tabel ANOVA dan uji DMRT Berat Basah Kalus

ANOVA

Beratbasahkalus

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 4,561 | 9 | ,507 | 5,110 | ,001 |
| Within Groups | 1,983 | 20 | ,099 | | |
| Total | 6,544 | 29 | | | |

Beratbasahkalus

Duncan^a

| Perlakuan | N | Subset for alpha = 0.05 | | | |
|-----------|---|-------------------------|-------|--------|--------|
| | | 1 | 2 | 3 | 4 |
| Y0 | 3 | ,0000 | | | |
| Y8 | 3 | ,5333 | ,5333 | | |
| Y4 | 3 | | ,6467 | ,6467 | |
| Y6 | 3 | | ,6600 | ,6600 | |
| Y7 | 3 | | ,6733 | ,6733 | |
| Y2 | 3 | | ,7400 | ,7400 | |
| Y9 | 3 | | ,8533 | ,8533 | |
| Y3 | 3 | | | 1,1533 | 1,1533 |
| Y5 | 3 | | | 1,2333 | 1,2333 |
| Y1 | 3 | | | | 1,4567 |
| Sig. | | ,051 | ,283 | ,058 | ,278 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 9. Tabel ANOVA dan Uji DMRT Kalus Embriogenik

ANOVA

Kalusembriogenik

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|---------|------|
| Between Groups | 23278,967 | 9 | 2586,552 | 481,966 | ,000 |
| Within Groups | 107,333 | 20 | 5,367 | | |
| Total | 23386,300 | 29 | | | |

Kalusembriogenik

Duncan^a

| Perlakuan | N | Subset for alpha = 0.05 | | | | | |
|-----------|---|-------------------------|---------|---------|---------|---------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| Y0 | 3 | ,0000 | | | | | |
| Y8 | 3 | | 80,0000 | | | | |
| Y4 | 3 | | 83,6667 | 83,6667 | | | |
| Y7 | 3 | | | 85,0000 | | | |
| Y9 | 3 | | | | 89,3333 | | |
| Y6 | 3 | | | | 93,0000 | 93,0000 | |
| Y2 | 3 | | | | | 95,0000 | 95,0000 |
| Y3 | 3 | | | | | 96,0000 | 96,0000 |
| Y5 | 3 | | | | | 97,0000 | 97,0000 |
| Y1 | 3 | | | | | | 98,0000 |
| Sig. | | 1,000 | ,067 | ,489 | ,067 | ,065 | ,161 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 10. Tabel ANOVA dan uji DMRT Embrio Somatik

ANOVA

Embriosomatik

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 11225,633 | 9 | 1247,293 | 10,630 | ,000 |
| Within Groups | 2346,667 | 20 | 117,333 | | |
| Total | 13572,300 | 29 | | | |

Embriosomatik

Duncan^a

| Perlakuan | N | Subset for alpha = 0.05 | | | | | |
|-----------|---|-------------------------|---------|---------|---------|---------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| Y0 | 3 | ,0000 | | | | | |
| Y2 | 3 | | 25,0000 | | | | |
| Y1 | 3 | | 32,0000 | 32,0000 | | | |
| Y5 | 3 | | 38,0000 | 38,0000 | | | |
| Y8 | 3 | | 39,6667 | 39,6667 | | | |
| Y6 | 3 | | 42,3333 | 42,3333 | 42,3333 | | |
| Y9 | 3 | | | 46,6667 | 46,6667 | 46,6667 | |
| Y4 | 3 | | | | 60,0000 | 60,0000 | 60,0000 |
| Y3 | 3 | | | | | 65,0000 | 65,0000 |
| Y7 | 3 | | | | | | 68,3333 |
| Sig. | | 1,000 | ,092 | ,151 | ,072 | ,062 | ,384 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.