Lampiran 1

Perhitungan konsentrasi:

Konsentrasi 1 ppm	=	1000 mg didalam 1.000.000 ml akuades.
	=	1 mg didalam 1.000 ml akuades.
Konsentrasi 1100 ppm	=	1100 mg / 1000 ml akuades.
Konsentrasi 1300 ppm	=	1300 mg / 1000 ml akuades.
Konsentrasi 1500 ppm	=	1500 mg / 1000 ml akuades.
Konsentrasi 1700 ppm	=	1700 mg / 1000 ml akuades.

Perhitungan *temephos* 1 ppm:

1 g abate = mengandung 0,01 g *temephos* = 10 mg *temephos*.

1 ppm larutan *temephos* = 1mg *temephos* / 1000 ml akuades.

Jadi bila ingin menghasilkan 1 ppm *temephos* dibutuhkan 1/10 g abate = 0,1 g abate.

Lampiran 2

Perhitungan pengenceran:

Dosis 1700 ppm = 170 mg / 100 ml CMC 1%

Dosis 1500 ppm = 1500 / 1700 * 100 ml = 88 ml CMC 1% 12 ml

Dosis 1300 ppm = 1300 / 1700 * 100 ml = 76 ml CMC 1% 24 ml

Dosis 1100 ppm = 1100 / 1700 * 100 ml = 64 ml CMC 1%+ 36 ml+

328 ml CMC1% 72 ml pengenceran

- Total ekstrak etanol buah pare (EEBP) yang dibutuhkan:
  1700 ppm + 1500 ppm + 1300 ppm + 1100 ppm = 5600 ppm = 560 mg * pengulangan (4) = 2240 mg = 2,24 g.
- Total CMC 1% kering yang dibutuhkan untuk EEBP:
  3,28 g * pengulangan (4) = 13,12 g.
- Total CMC 1% kering yang dibutuhkan untuk pengenceran:
  0,72 g * pengulangan (4) = 2,88 g.
- Total akuades yang dibutuhkan:
  400 ml * pengulangan (4) = 1600 ml.

Lampiran 3
Percobaan *Trial and error*

24 jam

Pengulangan	Konsentrasi								Kontrol (-)		Kontrol (+)	
	200 ppm		300 ppm		400 ppm		500 ppm		Akuades		*Temephos* 1ppm	
	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati
1	30	0	30	0	30	0	30	0	30	0	5	25
2	30	0	30	0	30	0	30	0	30	0	4	26
3	30	0	30	0	30	0	30	0	30	0	5	25
4	30	0	30	0	30	0	30	0	30	0	5	25

24 jam

Pengulangan	Konsentrasi								Kontrol (-)		Kontrol (+)	
	600 ppm		700 ppm		800 ppm		900 ppm		Akuades		*Temephos* 1ppm	
	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati
1	30	0	30	0	30	0	30	0	30	0	5	25
2	30	0	30	0	30	0	30	0	30	0	4	26
3	30	0	30	0	30	0	30	0	30	0	5	25
4	30	0	30	0	30	0	30	0	30	0	5	25

24 jam

Pengulangan	Konsentrasi											
	1500 ppm		1700 ppm		1900 ppm		2100 ppm		2300 ppm		2500 ppm	
	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati	Hidup	Mati
1	0	30	0	30	2	28	7	23	8	22	9	21
2	0	30	0	30	3	27	7	23	7	23	8	22
3	0	30	0	30	2	28	6	24	8	22	8	22

Pengulangan	Kontrol (-)		Kontrol (+)	
	Akuades		Temephos 1ppm	
	Hidup	Mati	Hidup	Mati
1	30	0	5	25
2	30	0	4	26
3	30	0	5	25

Lampiran 4

Descriptives

Descriptives

Persentase larva mati selama 24 jam

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
EEBP D1	4	18,3333	1,92450	,96225	15,2710	21,3956	16,67	20,00
EEBP D2	4	78,3333	4,30331	2,15166	71,4858	85,1809	73,33	83,33
EEBP D3	4	99,1667	1,66667	,83333	96,5146	101,8187	96,67	100,00
EEBP D4	4	99,1667	1,66667	,83333	96,5146	101,8187	96,67	100,00
Kontrol	4	,0000	,00000	,00000	,0000	,0000	,00	,00
Pembanding	4	84,1667	1,66667	,83333	81,5146	86,8187	83,33	86,67
Total	24	63,1944	40,18651	8,20304	46,2252	80,1637	,00	100,00

Lampiran 5

Uji ANAVA satu arah

ANOVA

Persentase larva mati selama 24 jam

	Sum of Squares	df	*Mean Square*	F	*Sig.*
Between Groups	37052,315	5	7410,463	1455,145	,000
Within Groups	91,667	18	5,093		
Total	37143,981	23			

Lampiran 6

Uji komparasi multipel Tukey *HSD*

Multiple Comparisons

Dependent Variable: Persentase larva mati selama 24 jam
Tukey HSD

(I) Kelompok Perlakuan	(J) Kelompok Perlakuan	*Mean Difference (I-J)*	*Std. Error*	Sig.	*95% Confidence Interval*	
					Lower Bound	*Upper Bound*
EEBP D1	EEBP D2	-60,00000 *	1,59571	,000	-65,0712	-54,9288
	EEBP D3	-80,83333 *	1,59571	,000	-85,9046	-75,7621
	EEBP D4	-80,83333 *	1,59571	,000	-85,9046	-75,7621
	Kontrol	18,33333 *	1,59571	,000	13,2621	23,4046
	Pembanding	-65,83333 *	1,59571	,000	-70,9046	-60,7621
EEBP D2	EEBP D1	60,00000 *	1,59571	,000	54,9288	65,0712
	EEBP D3	-20,83333 *	1,59571	,000	-25,9046	-15,7621
	EEBP D4	-20,83333 *	1,59571	,000	-25,9046	-15,7621
	Kontrol	78,33333 *	1,59571	,000	73,2621	83,4046
	Pembanding	-5,83333 *	1,59571	,019	-10,9046	-,7621
EEBP D3	EEBP D1	80,83333 *	1,59571	,000	75,7621	85,9046
	EEBP D2	20,83333 *	1,59571	,000	15,7621	25,9046
	EEBP D4	,00000	1,59571	1,000	-5,0712	5,0712
	Kontrol	99,16667 *	1,59571	,000	94,0954	104,2379
	Pembanding	15,00000 *	1,59571	,000	9,9288	20,0712
EEBP D4	EEBP D1	80,83333 *	1,59571	,000	75,7621	85,9046
	EEBP D2	20,83333 *	1,59571	,000	15,7621	25,9046
	EEBP D3	,00000	1,59571	1,000	-5,0712	5,0712
	Kontrol	99,16667 *	1,59571	,000	94,0954	104,2379
	Pembanding	15,00000 *	1,59571	,000	9,9288	20,0712
Kontrol	EEBP D1	-18,33333 *	1,59571	,000	-23,4046	-13,2621
	EEBP D2	-78,33333 *	1,59571	,000	-83,4046	-73,2621
	EEBP D3	-99,16667 *	1,59571	,000	-104,2379	-94,0954
	EEBP D4	-99,16667 *	1,59571	,000	-104,2379	-94,0954
	Pembanding	-84,16667 *	1,59571	,000	-89,2379	-79,0954
Pembanding	EEBP D1	65,83333 *	1,59571	,000	60,7621	70,9046
	EEBP D2	5,83333 *	1,59571	,019	,7621	10,9046
	EEBP D3	-15,00000 *	1,59571	,000	-20,0712	-9,9288
	EEBP D4	-15,00000 *	1,59571	,000	-20,0712	-9,9288
	Kontrol	84,16667 *	1,59571	,000	79,0954	89,2379

*. The mean difference is significant at the .05 level.

Lampiran 7

Homogeneous Subsets

Persentase larva mati selama 24 jam

Tukey HSD[a]

		Subset for alpha = .05				
Kelompok Perlakuan	N	1	2	3	4	5
Kontrol	4	,0000				
EEBP D1	4		18,3333			
EEBP D2	4			78,3333		
Pembanding	4				84,1667	
EEBP D3	4					99,1667
EEBP D4	4					99,1667
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4,000.

Lampiran 8

Analisis Probit

```
* * * * * * * * * * * * P R O B I T   A N A L Y S I S * * * * *
* * * * * * *

DATA  Information

         16 unweighted cases accepted.
          0 cases rejected because of missing data.
          1 case is in the control group.
          0 cases rejected because LOG-transform can't be done.
MODEL Information

      ONLY Normal Sigmoid is requested.

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- - - - - - -

c



* * * * * * * * * * * * P R O B I T   A N A L Y S I S * * * * *
* * * * * * *

 Parameter estimates converged after 16 iterations.
 Optimal solution found.

 Parameter Estimates (PROBIT model:  (PROBIT(p)) = Intercept +
BX):

           Regression Coeff.  Standard Error     Coeff./S.E.

   Dosis            21.86470         1.00452        21.76630


                  Intercept  Standard Error  Intercept/S.E.

                  -67.35299         3.10425       -21.69705

  Pearson  Goodness-of-Fit  Chi Square =    219.207    DF = 14   P
=  .000

  Since Goodness-of-Fit Chi square is significant, a heterogeneity
  factor is used in the calculation of confidence limits.

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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c
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* * * * * * * * * * * * P R O B I T A N A L Y S I S * * * * * * * * * * * *

Observed and Expected Frequencies

Dosis	Number of Subjects	Observed Responses	Expected Responses	Residual	Prob
3.04	100.0	16.7	19.659	-2.992	.19659
3.04	100.0	20.0	19.659	.341	.19659
3.04	100.0	20.0	19.659	.341	.19659
3.04	100.0	16.7	19.659	-2.992	.19659
3.11	100.0	73.3	76.805	-3.472	.76805
3.11	100.0	83.3	76.805	6.528	.76805
3.11	100.0	80.0	76.805	3.195	.76805
3.11	100.0	76.7	76.805	-.138	.76805
3.18	100.0	96.7	98.175	-1.508	.98175
3.18	100.0	100.0	98.175	1.825	.98175
3.18	100.0	100.0	98.175	1.825	.98175
3.18	100.0	100.0	98.175	1.825	.98175
3.23	100.0	100.0	99.948	.052	.99948
3.23	100.0	100.0	99.948	.052	.99948
3.23	100.0	96.7	99.948	-3.281	.99948
3.23	100.0	100.0	99.948	.052	.99948

c

* * * * * * * * * * * * P R O B I T A N A L Y S I S * * * * * * * * * * * *

Confidence Limits for Effective Dosis

Prob	Dosis	95% Confidence Limits Lower	Upper

.01	941.99194	787.74227	1023.67636
.02	969.42614	824.92912	1046.00979
.03	987.24508	849.33426	1060.54872
.04	1000.86512	868.10702	1071.69411
.05	1012.08244	883.63652	1080.90299
.06	1021.72912	897.03516	1088.84973
.07	1030.26301	908.91732	1095.90516
.08	1037.96454	919.66054	1102.29640
.09	1045.01876	929.51448	1108.17329
.10	1051.55455	938.65339	1113.64027
.15	1079.05229	977.13947	1136.93281
.20	1101.41855	1008.36447	1156.34767
.25	1120.97591	1035.46767	1173.81074
.30	1138.83482	1059.92321	1190.28378
.35	1155.63763	1082.54963	1206.36804
.40	1171.81105	1103.85237	1222.51097
.45	1187.67441	1124.17038	1239.09677
.50	1203.49593	1143.75202	1256.49487
.55	1219.52821	1162.80301	1275.09247
.60	1236.03755	1181.52443	1295.32494
.65	1253.33618	1200.14968	1317.71696
.70	1271.82839	1218.98756	1342.95357
.75	1292.09061	1238.48459	1372.01847
.80	1315.03365	1259.34071	1406.48785
.85	1342.29126	1282.78152	1449.24277
.90	1377.39164	1311.38181	1506.62737
.91	1386.00617	1318.18989	1521.04961
.92	1395.42575	1325.55510	1536.95610
.93	1405.85700	1333.62348	1554.72866
.94	1417.59926	1342.60593	1574.92260
.95	1431.11114	1352.82448	1598.39223
.96	1447.15050	1364.80942	1626.55618
.97	1467.11539	1379.53520	1662.04637
.98	1494.08232	1399.13584	1710.69634
.99	1537.59538	1430.18705	1790.79356

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