**2013**

**3 inch – Second RUN**

> Mesotrione

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -0.56608 0.20499 -2.76146 0.0162

e:(Intercept) 163.60855 52.24595 3.13151 0.0079

Residual standard error:

12.22979 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 163.61 52.246

1:70 730.88 331.660

1:90 7934.24 9989.956

> Tembotrione

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.3715 0.3925 -3.4942 0.0040

e:(Intercept) 91.0308 21.8809 4.1603 0.0011

Residual standard error:

8.714003 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 91.031 21.881

1:70 168.849 22.182

1:90 451.831 129.278

> Topramezone

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.6976 0.5681 -2.9882 0.0105

e:(Intercept) 10.0990 3.5276 2.8628 0.0133

Residual standard error:

4.472521 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 10.099 3.5276

1:70 16.636 3.2226

1:90 36.846 4.9686

**6 in – 14 DAT**

> Mesotrione

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.39756 0.11483 -12.17120 0

e:(Intercept) 263.85559 13.71175 19.24303 0

Residual standard error:

4.999959 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 263.86 13.712

1:70 483.80 34.348

1:90 1271.03 175.289

> Tembotrione

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.71400 0.39058 -4.38835 7e-04

e:(Intercept) 117.70351 14.03477 8.38656 0e+00

Residual standard error:

6.94043 (13 degrees of freedom)

Estimate Std. Error

1:50 117.70 14.035

1:70 192.97 15.749

1:90 424.16 92.003

> Topramezone

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.25603 0.29691 -4.23034 0.0010

e:(Intercept) 8.53403 2.70675 3.15287 0.0076

Residual standard error:

3.900511 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 8.534 2.7067

1:70 16.754 2.8642

1:90 49.078 7.0391

**6 in – 26 DAT**

> Mesotrione

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.19669 0.12246 -9.77201 0

e:(Intercept) 285.84619 20.19263 14.15597 0

Residual standard error:

6.116744 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 285.85 20.193

1:70 580.27 58.423

1:90 1792.82 358.683

> Tembotrione

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -1.55678 0.24113 -6.45623 0

e:(Intercept) 131.19484 11.63128 11.27948 0

Residual standard error:

5.866889 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 131.19 11.631

1:70 226.09 16.299

1:90 538.11 93.694

> Topramezone

Model fitted: Log-logistic (ED50 as parameter) (2 parms)

Parameter estimates:

Estimate Std. Error t-value p-value

b:(Intercept) -0.95906 0.15611 -6.14340 0.0000

e:(Intercept) 5.32507 1.68566 3.15904 0.0075

Residual standard error:

2.797517 (13 degrees of freedom)

Estimated effective doses

Estimate Std. Error

1:50 5.3251 1.6857

1:70 12.8828 2.3574

1:90 52.6383 5.9148