

Table 2. Effect of in-feed supplementation of CR and TC on relative bursa of Fabricius weight of chickens fed with 2.5 µg/g AF. CR: carvacrol; TC: trans-cinnamaldehyde; AF: aflatoxins^{1,2}.

| Items | Relative Bursa of Fabricius Weight | | | |
|------------|------------------------------------|----------------------------|----------------------------|----------------------------|
| | Week 2 | Week 3 | Week 4 | Week 5 |
| CR | | | | |
| Treatments | | | | |
| Control | 0.20% ± 0.09% ^a | 0.20% ± 0.04% ^a | 0.23% ± 0.06% ^a | 0.19% ± 0.03% ^a |
| CR control | 0.16% ± 0.10% ^a | 0.24 ± 0.09% ^a | 0.21% ± 0.04% ^a | 0.17% ± 0.05% ^a |
| AF | 0.20% ± 0.06% ^a | 0.19% ± 0.08% ^a | 0.16% ± 0.03% ^b | 0.13% ± 0.03% ^b |
| AF + CR | 0.17% ± 0.04% ^a | 0.21% ± 0.03% ^a | 0.21% ± 0.05% ^a | 0.14% ± 0.02% ^b |
| TC | | | | |
| Treatments | | | | |
| Control | 0.20% ± 0.09% ^a | 0.20% ± 0.04% ^a | 0.23% ± 0.06% ^a | 0.19% ± 0.03% ^a |
| TC control | 0.17% ± 0.04% ^a | 0.19% ± 0.04% ^a | 0.18% ± 0.03% ^a | 0.18% ± 0.03% ^a |
| AF | 0.20% ± 0.06% ^a | 0.19% ± 0.08% ^a | 0.16% ± 0.03% ^b | 0.13% ± 0.03% ^b |
| AF + TC | 0.18% ± 0.06% ^a | 0.18% ± 0.05% ^a | 0.20% ± 0.03% ^a | 0.18% ± 0.04% ^a |

^{a-b} Means with different superscripts in a column differ significantly ($P < 0.05$).

¹Means represent 5 birds per pen and two pens per treatment.

²Data are the mean ± SEM obtained from 5 birds per pen and two pens per treatment. Error bar indicates SEM (n=10/treatment).

³ Treatments include Control: feed with no AF and no CR/TC supplementation; CR control: 0.75% carvacrol control; TC control: 0.75% trans-cinnamaldehyde control; AF: 2.5 µg/g aflatoxins; AF+CR: 2.5 µg/g aflatoxins + 0.75% carvacrol; AF+TC: 2.5 µg/g aflatoxins + 0.75% trans-cinnamaldehyde.