**Supplemental Material**

**Supplemental Table 1.** Proportion (%) of the absorbed 14C-cyhalofop and propanil in various tissues of multiple-resistant (ECO-R) and susceptible (ECO-S) *Echinochloa colona* at five harvest times.

|  |  |  |  |
| --- | --- | --- | --- |
| **Harvest time1** |  | **Cyhalofop3** | **Propanil** |
| **Tissue2** | **ECO-R** | **ECO-S** | **ECO-R** | **ECO-S** |
| **Hours** |  | --------------------------------%-------------------------------- |
| **6** | Trt | 83 | 91 | 67 | 64 |
|  | AL | 4 | 2 | 1 | 0 |
|  | BL | 2 | 1 | 1 | 0 |
|  | RT | 2 | 1 | 1 | 1 |
| **12** | Trt | 91 | 88 | 76 | 66 |
|  | AL | 1 | 4 | 0 | 1 |
|  | BL | 1 | 1 | 0 | 0 |
|  | RT | 1 | 1 | 0 | 1 |
| **24** | Trt | 94 | 94 | 80 | 77 |
|  | AL | 1 | 1 | 0 | 1 |
|  | BL | 1 | 1 | 0 | 0 |
|  | RT | 0 | 0 | 0 | 1 |
| **48** | Trt | 94 | 96 | *90* | *84* |
|  | AL | 0 | 3 | 0 | 1 |
|  | BL | 1 | 1 | 0 | 0 |
|  | RT | 1 | 0 | 0 | 1 |
| **72** | Trt | 96 | 96 | 92 | 90 |
|  | AL | 1 | 1 | 0 | 0 |
|  | BL | 1 | 2 | 0 | 0 |
|  | RT | 0 | 0 | 0 | 0 |

1 Hours after treatment

2 Abbreviations: Trt=Treated leaf, AL= Tissues above the treated leaf; BL= Tissues below the treated leaf to the soil line; RT= roots

3 Italicized means within the respective herbicides indicate that ECO-R and ECO-S were significantly different based on a t-test (p≤0.05).