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Highlights

- Plant protection products may exhibit altered toxic effects compared to their individual active substances
- We tested two widely used fungicides and the active substances individually and in combination in two liver cell lines
- The products activate AhR, while the individual active substances as well as their combinations did not
- Accordingly modified expression patterns of metabolizing enzymes (on both, gene and protein level) were observed
- Our results demonstrate that testing of mixtures such as plant protection products is highly important

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