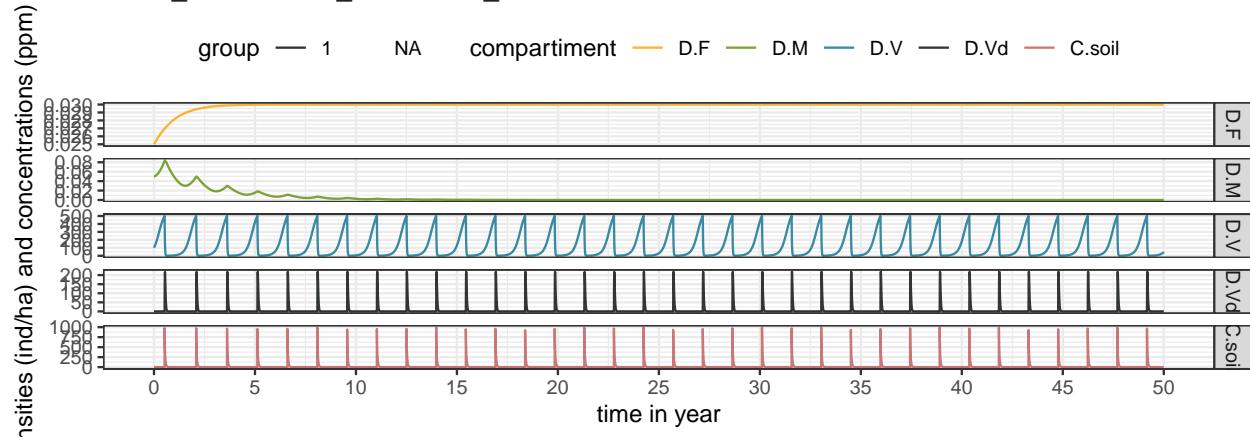
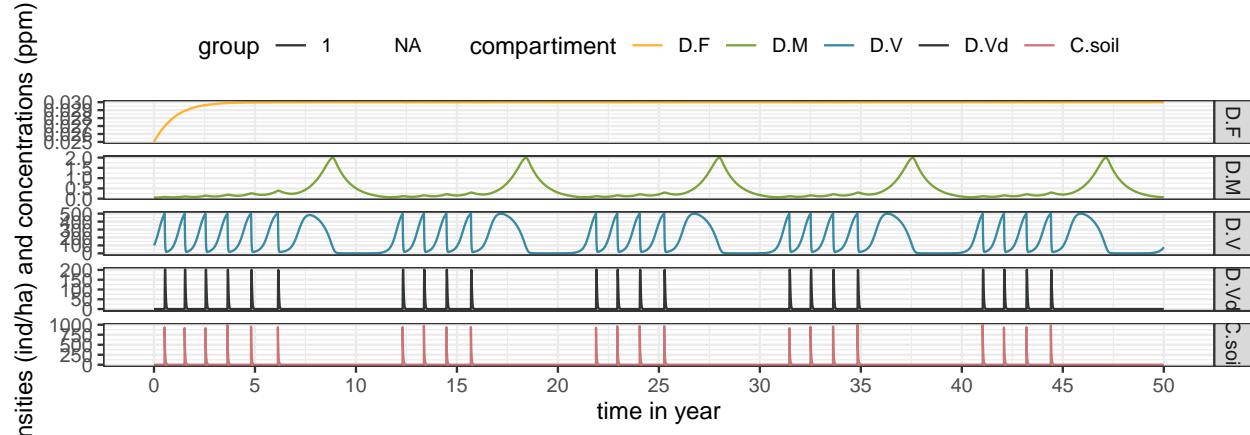


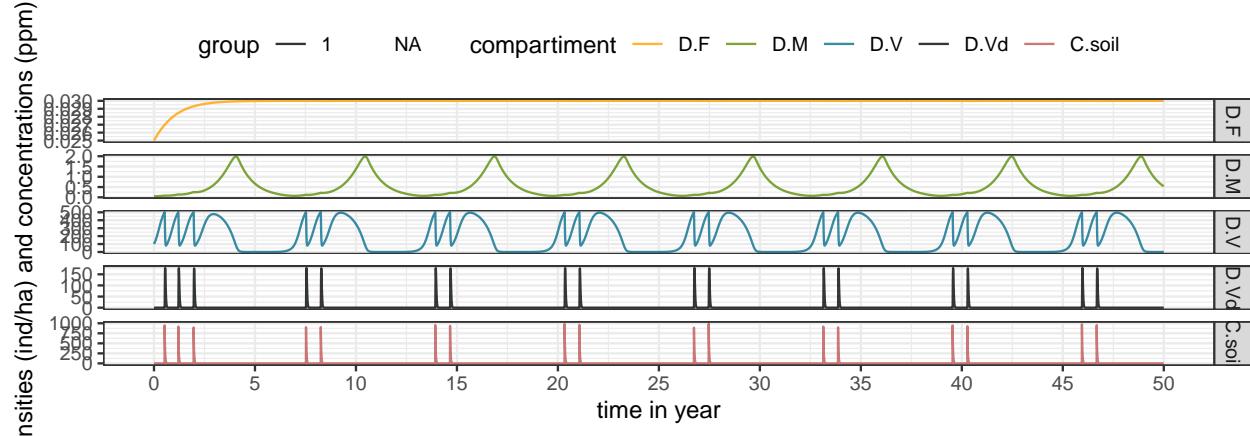
LD50\_V: 0.7 LD50\_M: 3 LD50\_F: 1.5



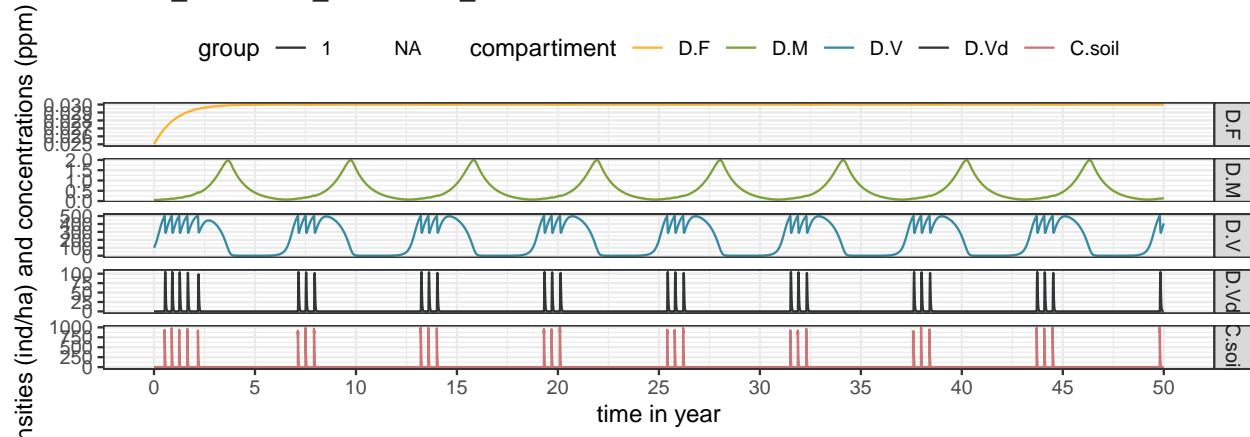
LD50\_V: 1.5 LD50\_M: 3 LD50\_F: 1.5



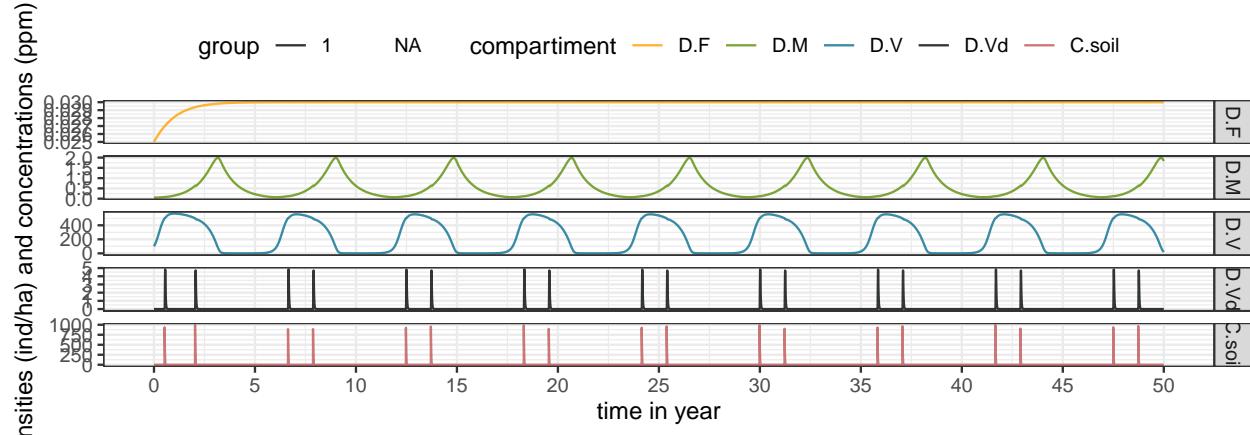
LD50\_V: 2 LD50\_M: 3 LD50\_F: 1.5



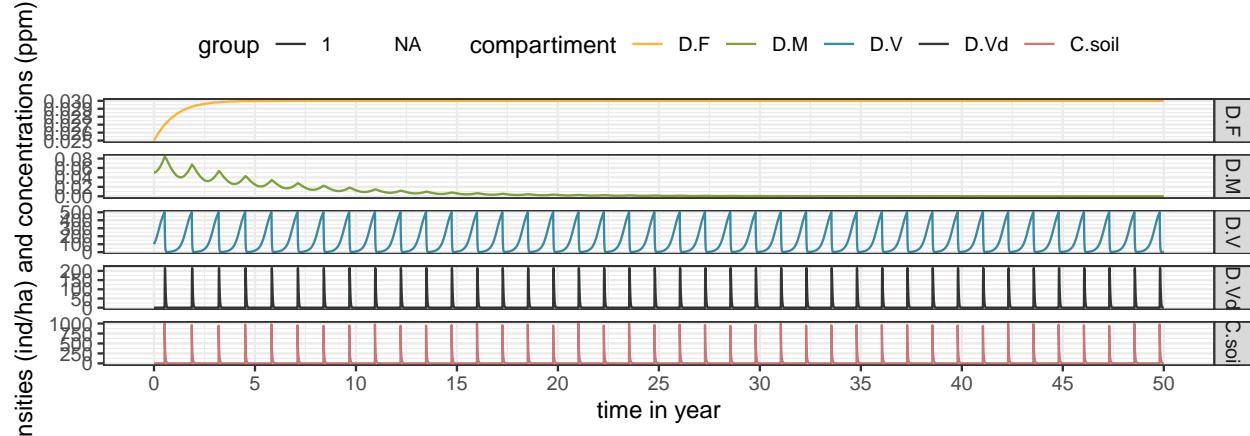
LD50\_V: 3 LD50\_M: 3 LD50\_F: 1.5



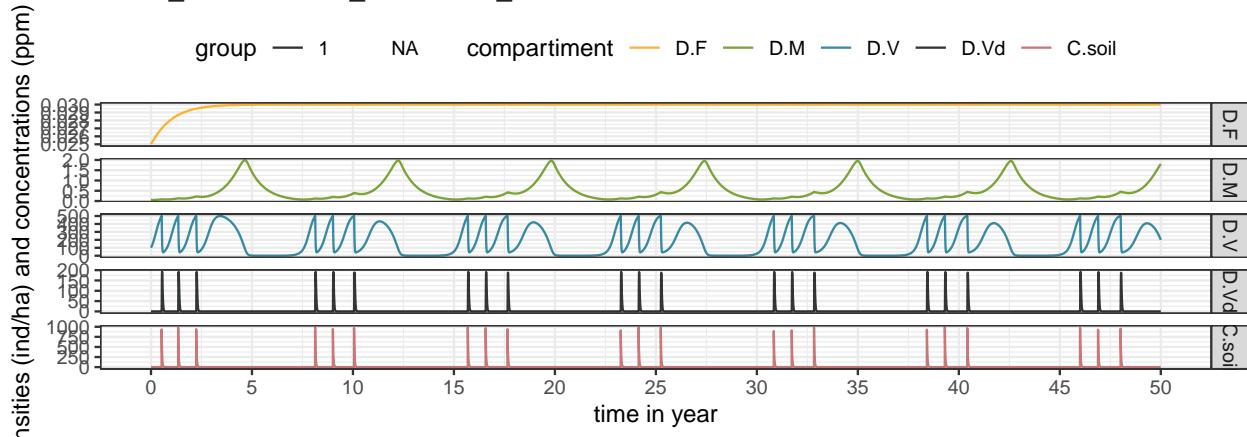
LD50\_V: 7 LD50\_M: 3 LD50\_F: 1.5



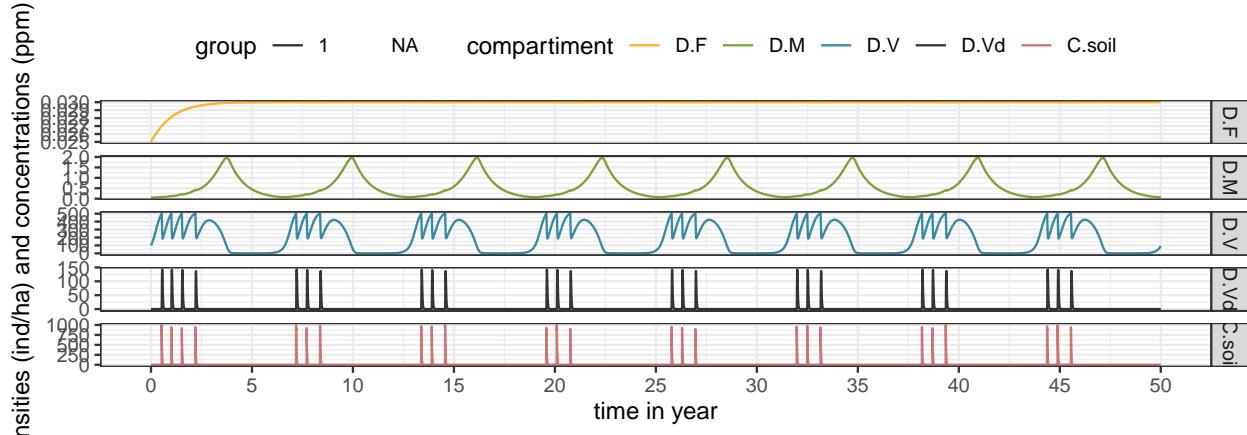
LD50\_V: 1 LD50\_M: 3 LD50\_F: 1.5



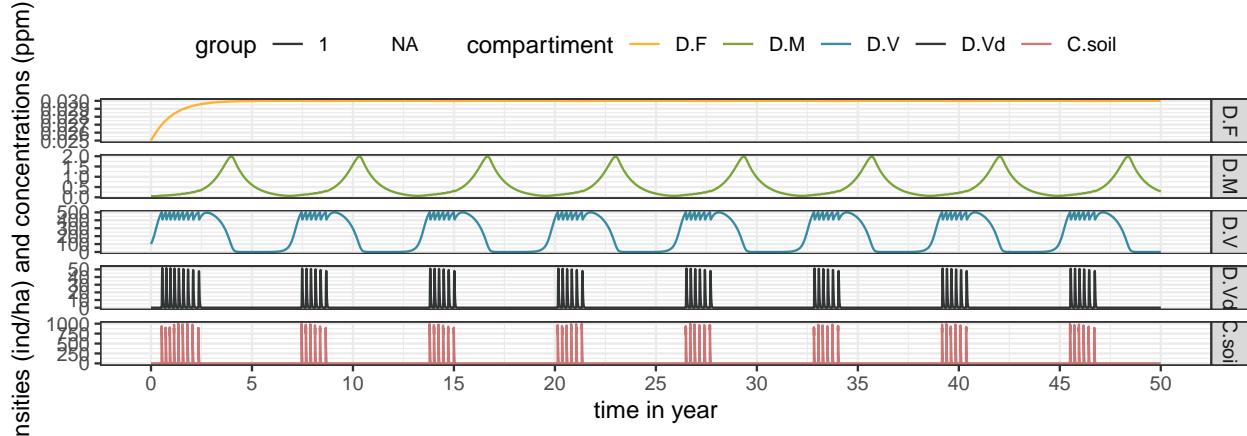
LD50\_V: 1.75 LD50\_M: 3 LD50\_F: 1.5



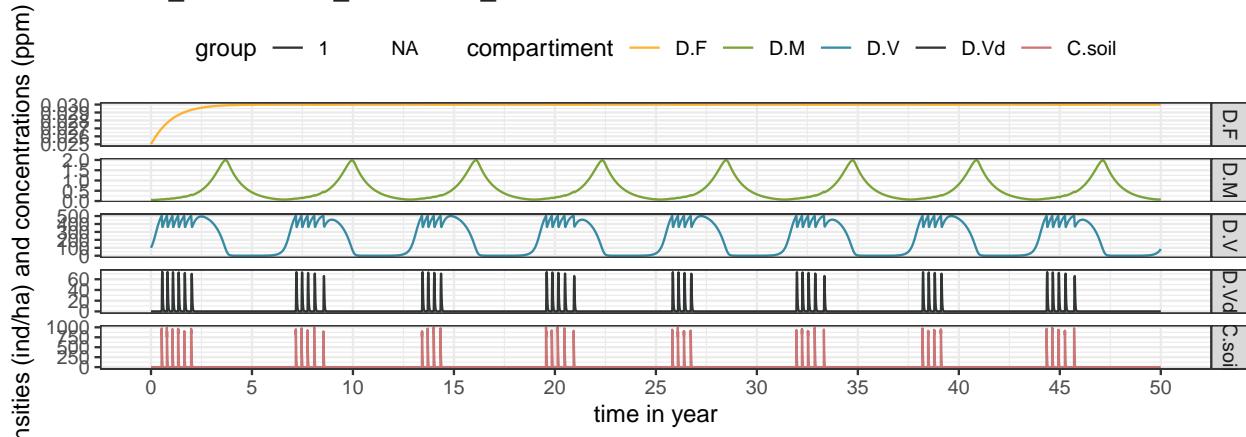
LD50\_V: 2.5 LD50\_M: 3 LD50\_F: 1.5



LD50\_V: 4 LD50\_M: 3 LD50\_F: 1.5



LD50\_V: 3.5 LD50\_M: 3 LD50\_F: 1.5

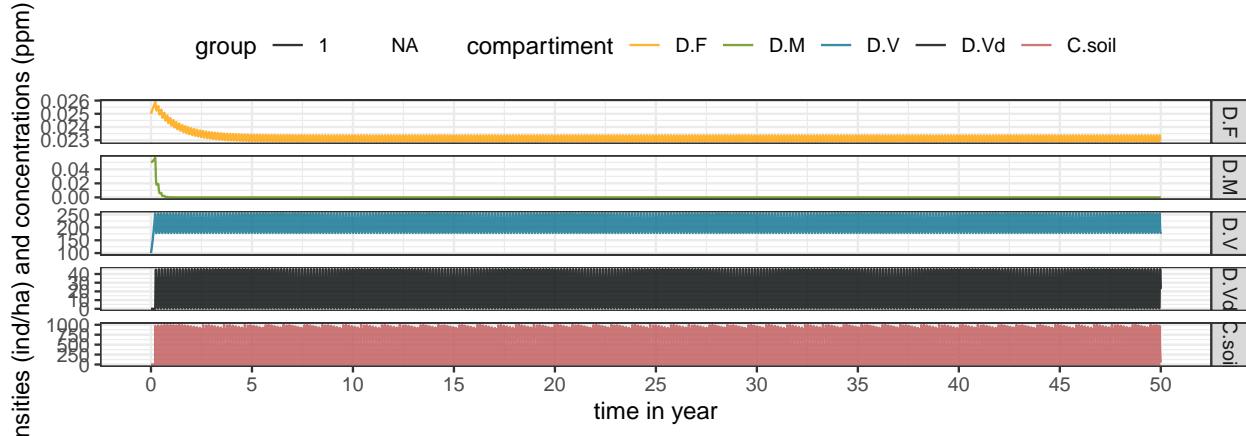


## DFmodel.output\_250.20

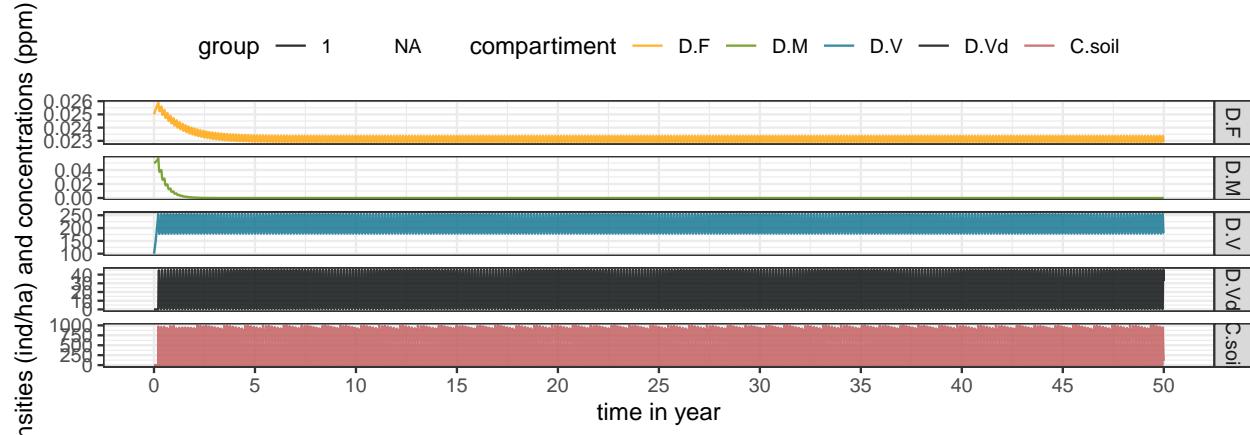
```
(up = length(unique(DFmodel.output_250.20$replicate)))

## [1] 157
times <- seq(from=0, to = 50*365, length = 50*365) # 30*5 = 5 months
for(i in 1:up){
  dfPLT = filter(DFmodel.output_250.20, replicate == i)
  title = paste("LD50_V:", unique(dfPLT$LD.50.V),
                "LD50_M:", unique(dfPLT$LD.50.M),
                "LD50_F:", unique(dfPLT$LD.50.F))
  print(graphique_3b(1,times,dfPLT, title))
}
```

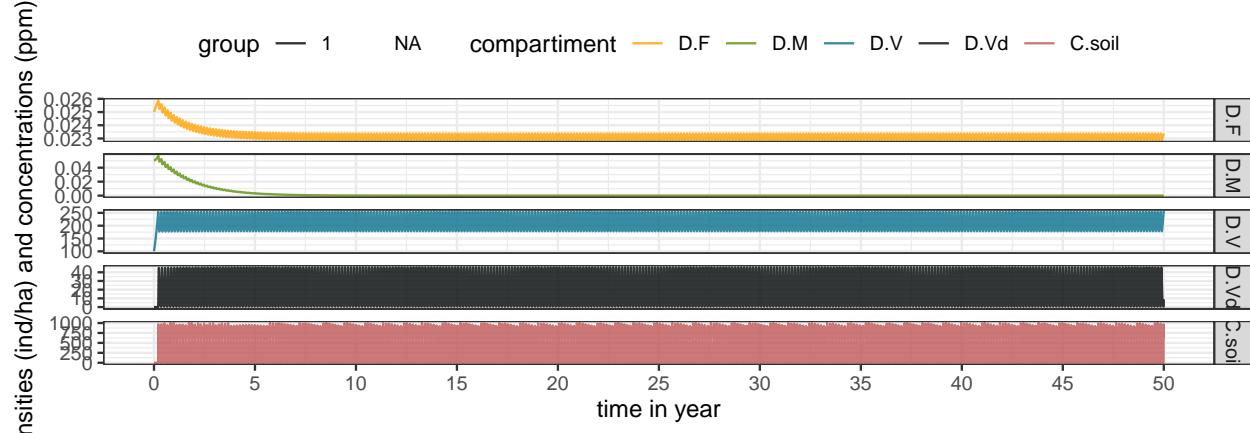
LD50\_V: 3.5 LD50\_M: 1.5 LD50\_F: 0.5



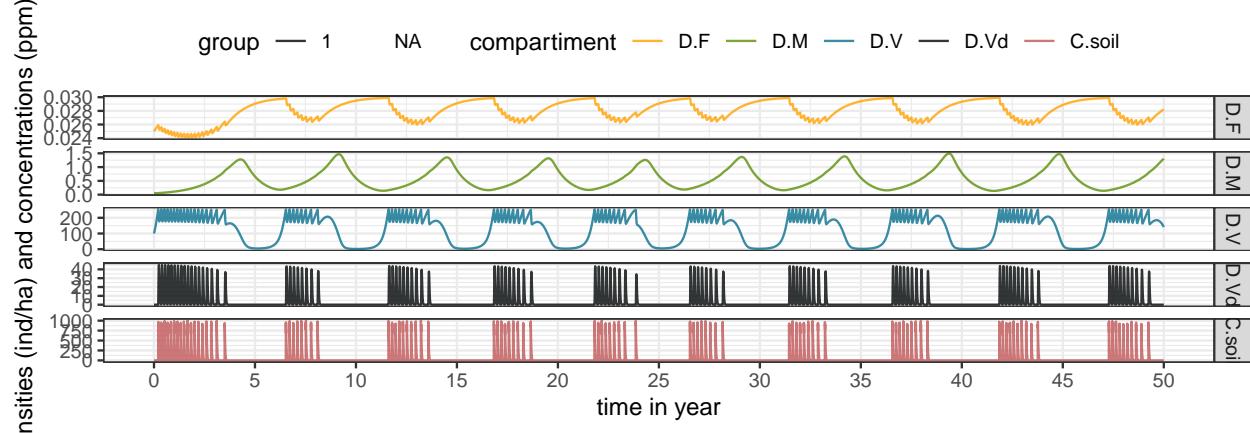
LD50\_V: 3.5 LD50\_M: 2 LD50\_F: 0.5



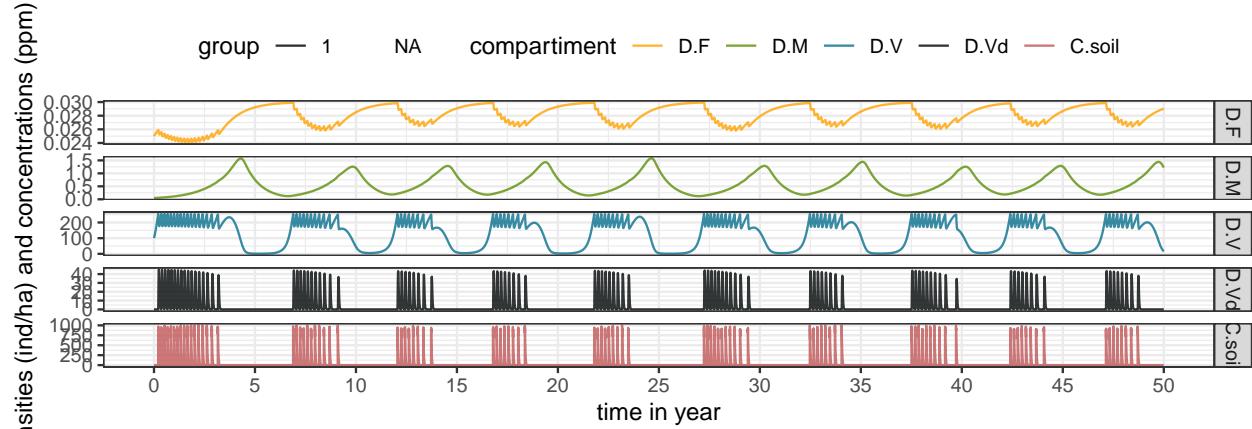
LD50\_V: 3.5 LD50\_M: 2.5 LD50\_F: 0.5



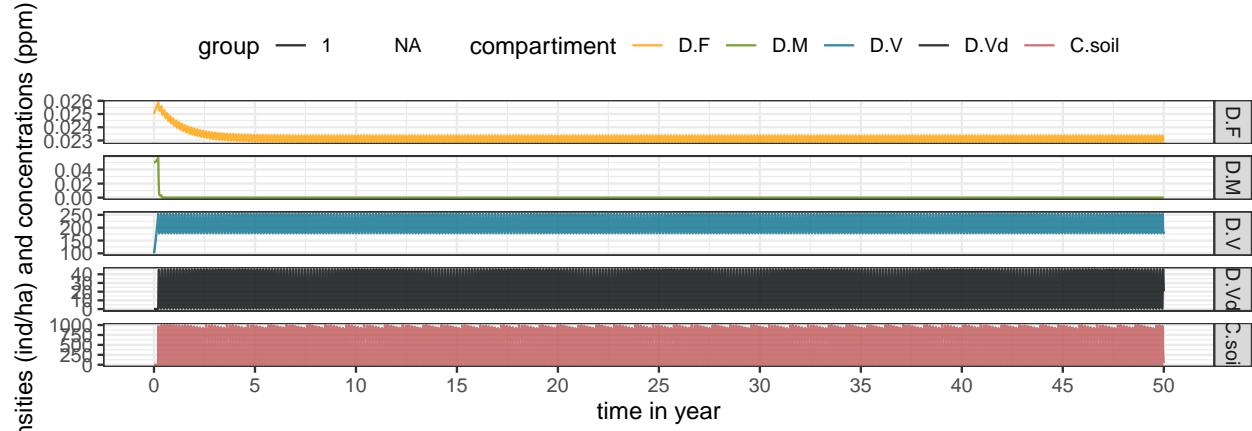
LD50\_V: 3.5 LD50\_M: 7 LD50\_F: 0.5



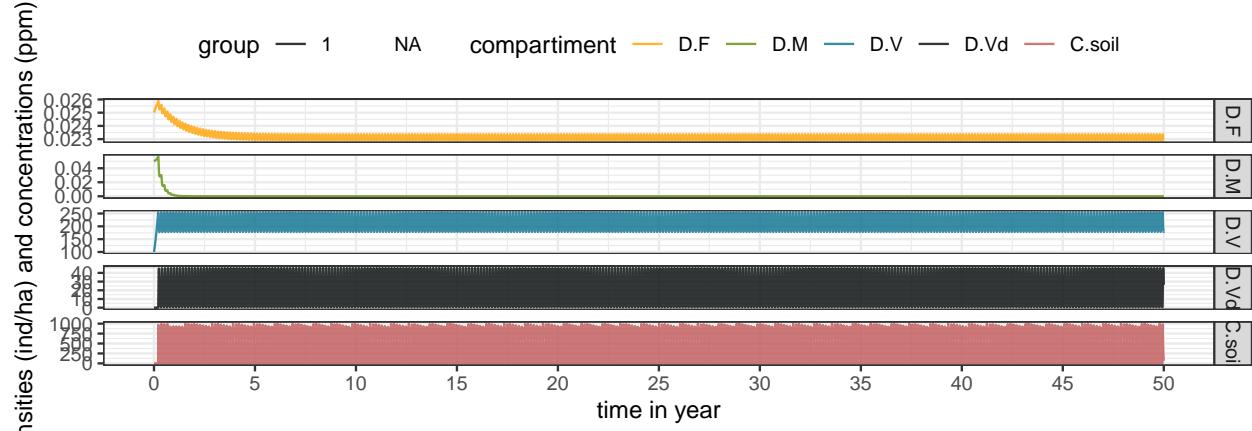
LD50\_V: 3.5 LD50\_M: 25 LD50\_F: 0.5



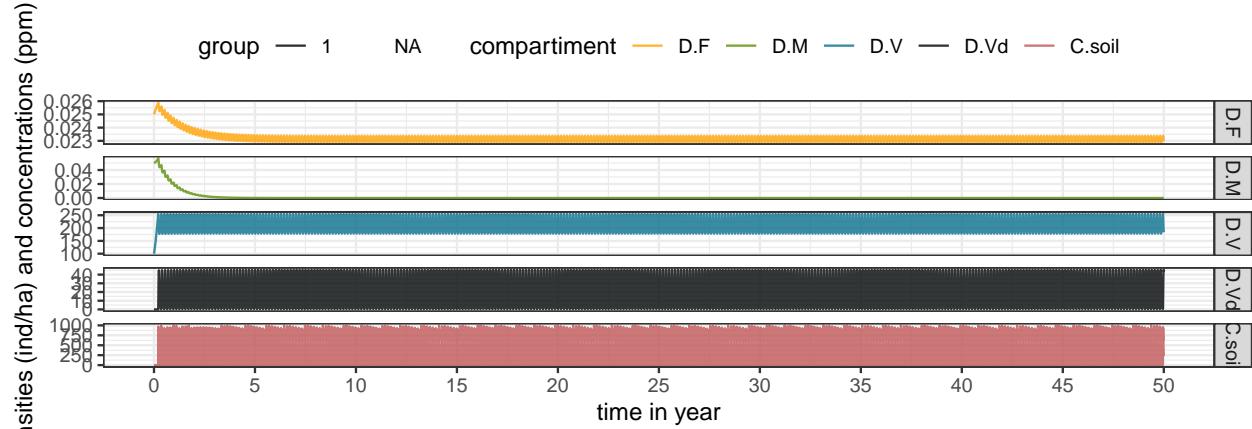
LD50\_V: 3.5 LD50\_M: 1 LD50\_F: 0.5



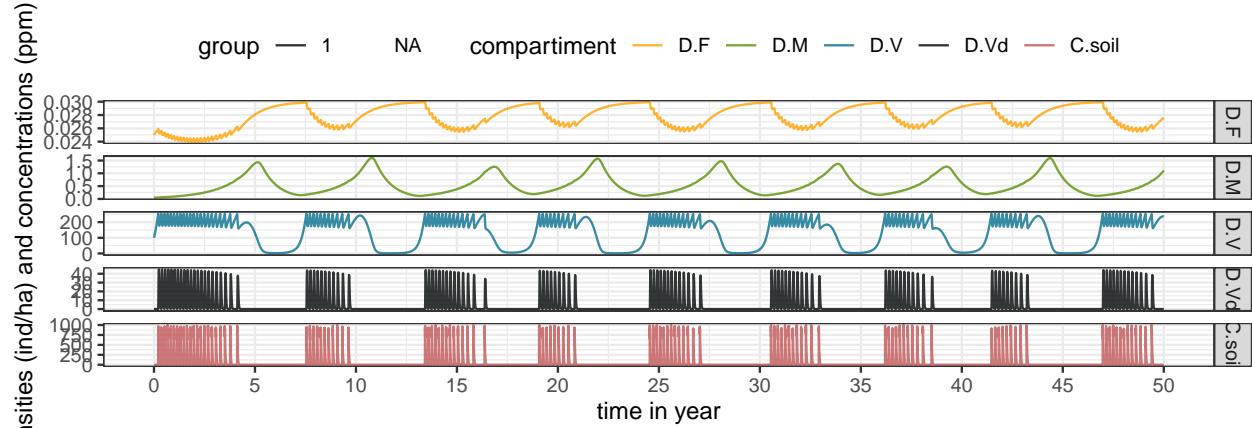
LD50\_V: 3.5 LD50\_M: 1.75 LD50\_F: 0.5



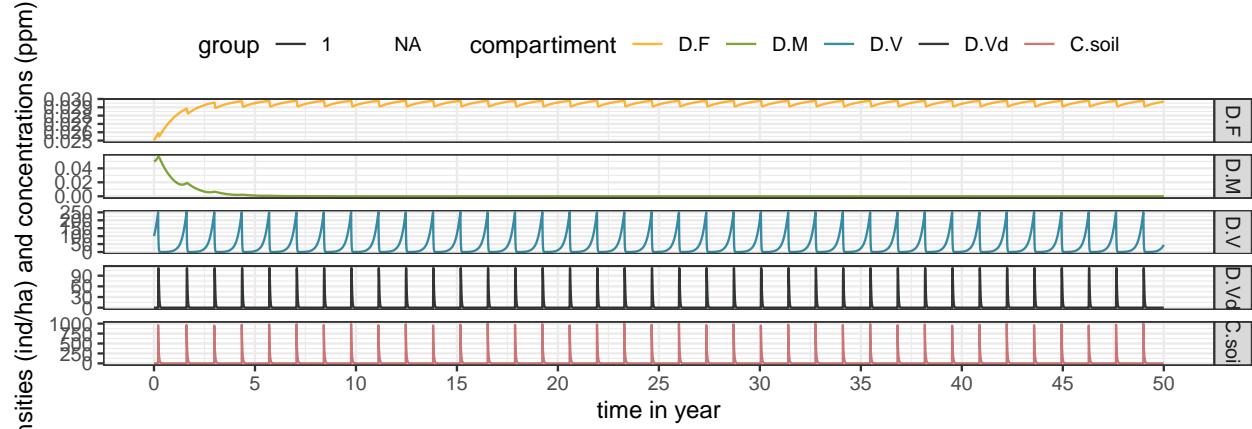
LD50\_V: 3.5 LD50\_M: 2.25 LD50\_F: 0.5



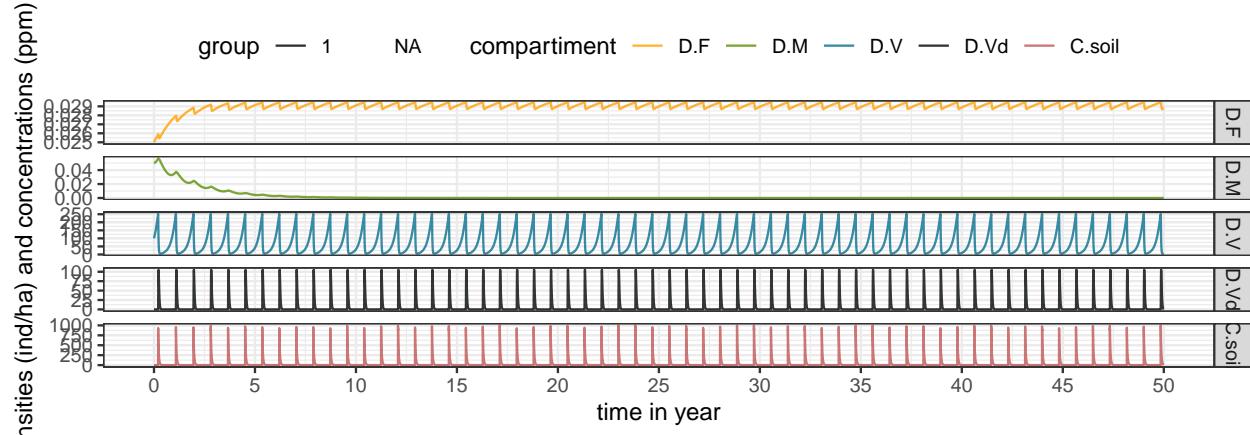
LD50\_V: 3.5 LD50\_M: 4 LD50\_F: 0.5



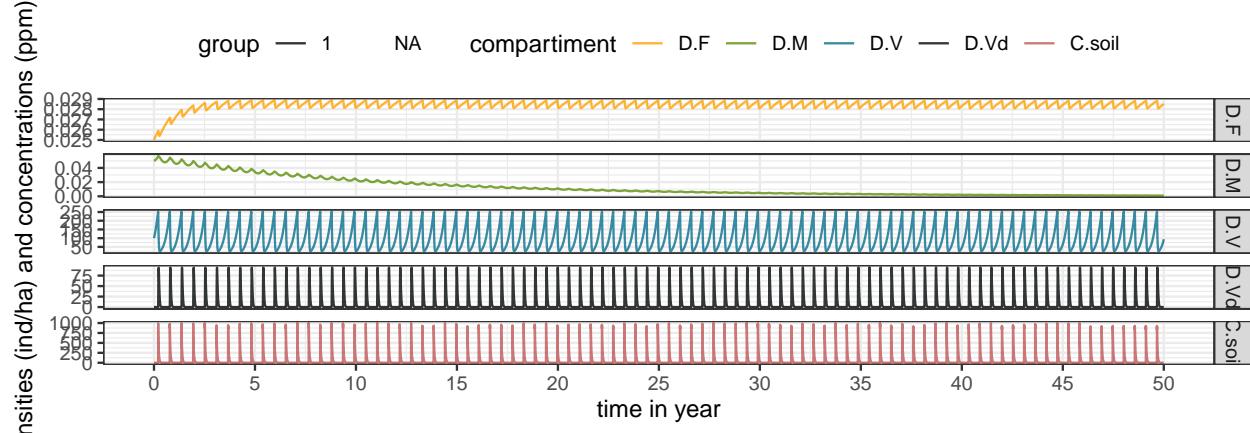
LD50\_V: 0.7 LD50\_M: 3 LD50\_F: 0.5



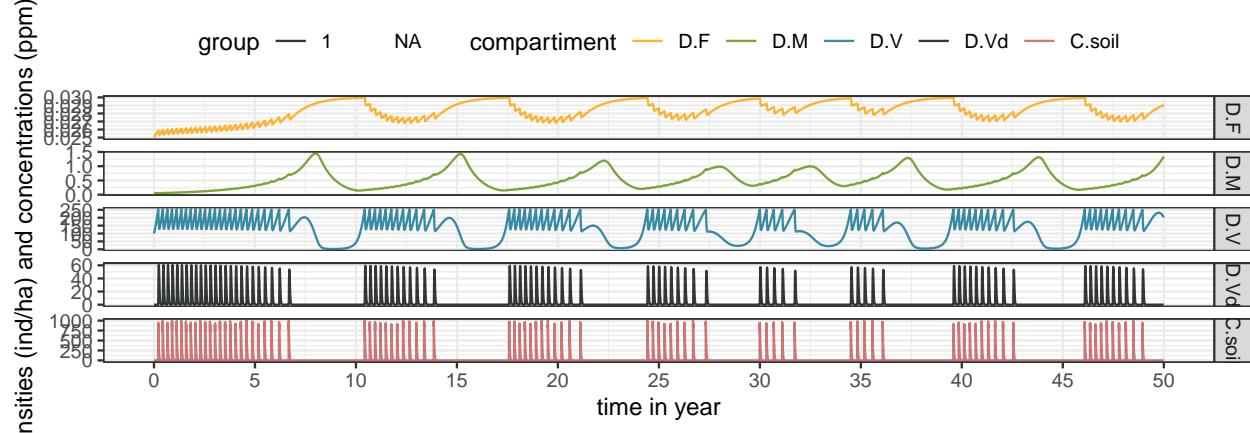
LD50\_V: 1.5 LD50\_M: 3 LD50\_F: 0.5



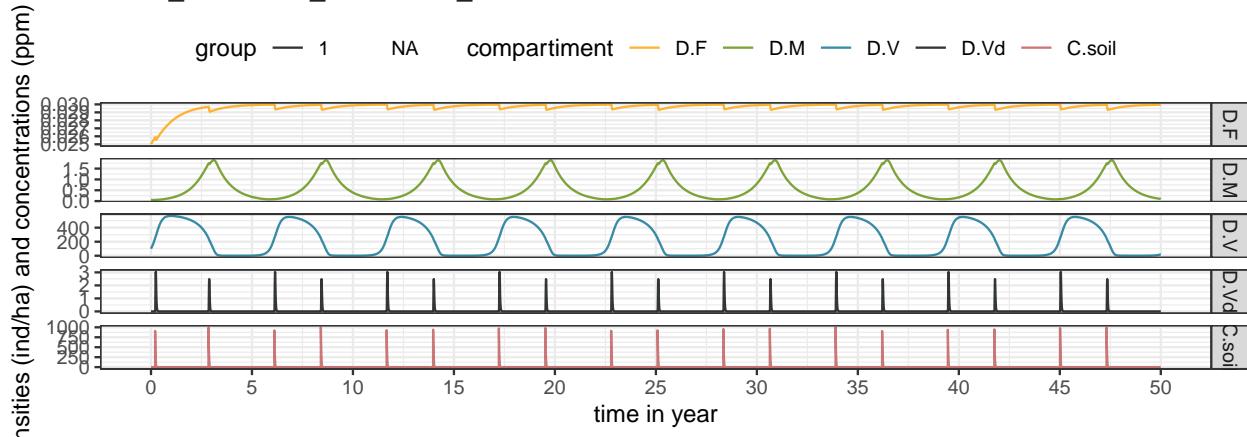
LD50\_V: 2 LD50\_M: 3 LD50\_F: 0.5



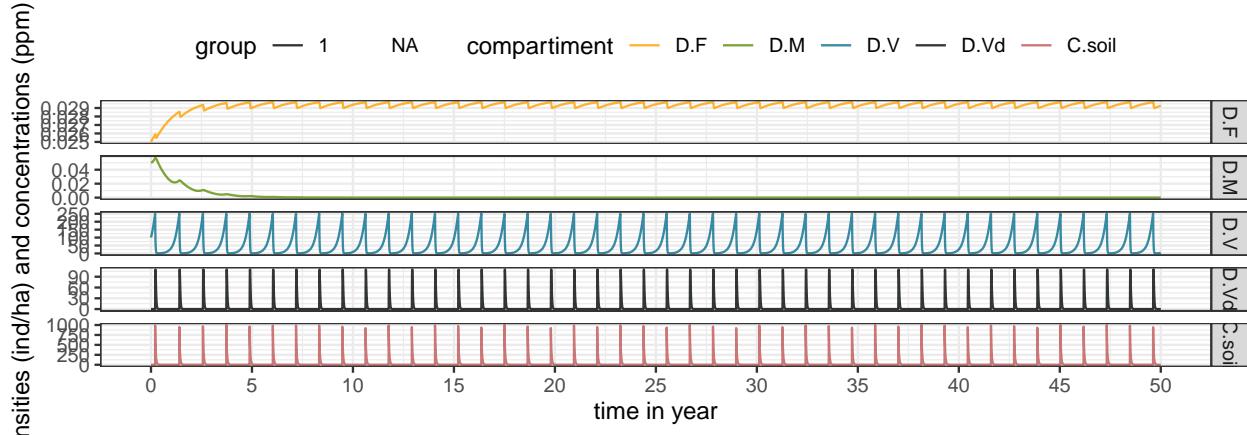
LD50\_V: 3 LD50\_M: 3 LD50\_F: 0.5



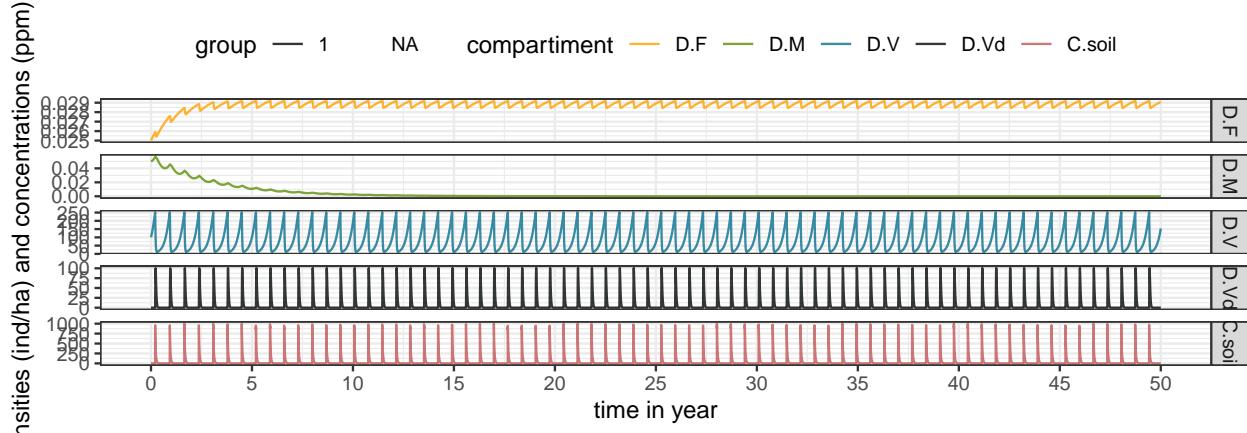
LD50\_V: 7 LD50\_M: 3 LD50\_F: 0.5



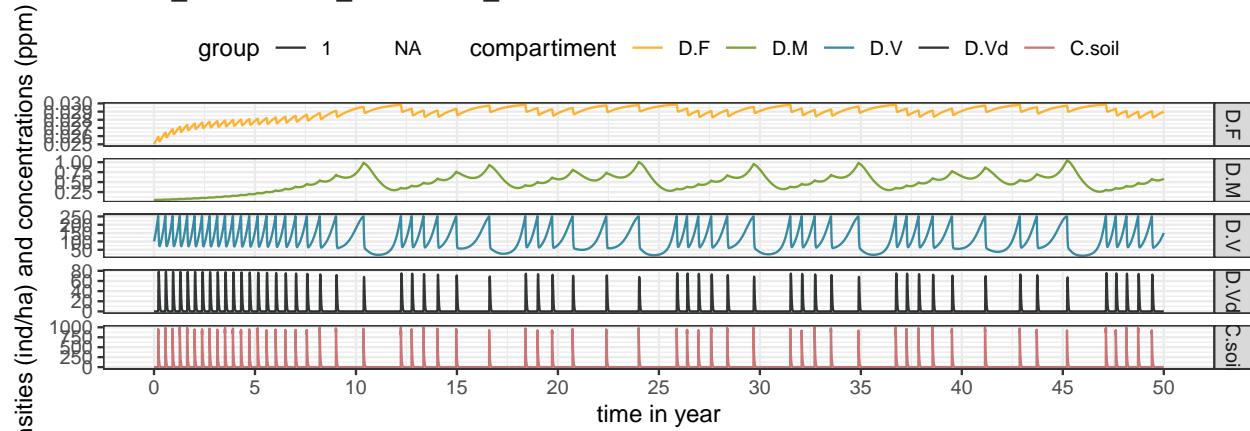
LD50\_V: 1 LD50\_M: 3 LD50\_F: 0.5



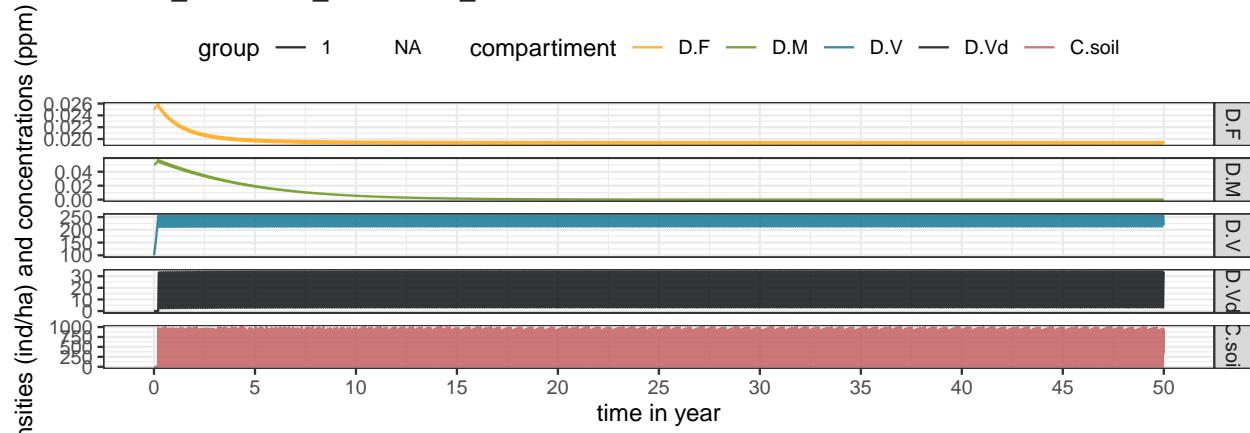
LD50\_V: 1.75 LD50\_M: 3 LD50\_F: 0.5



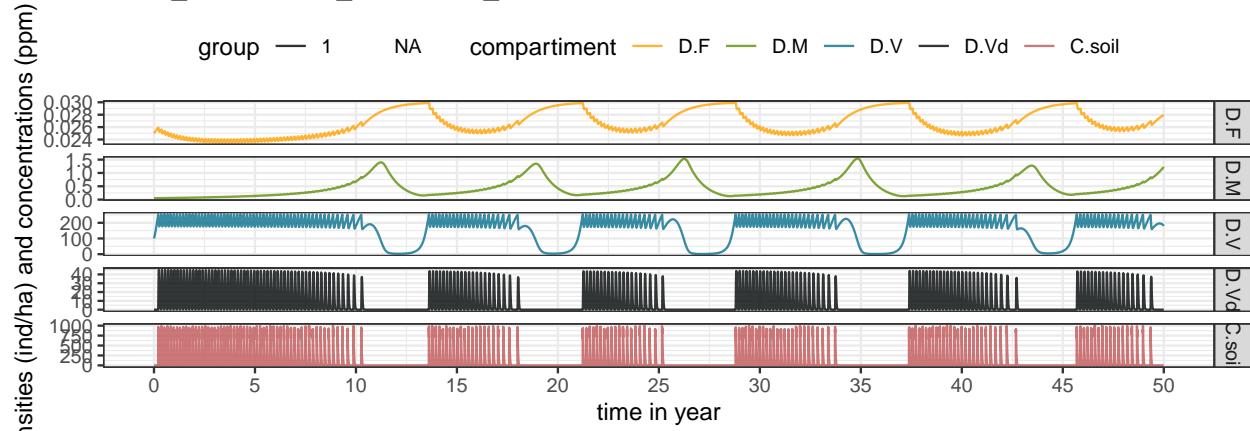
LD50\_V: 2.5 LD50\_M: 3 LD50\_F: 0.5



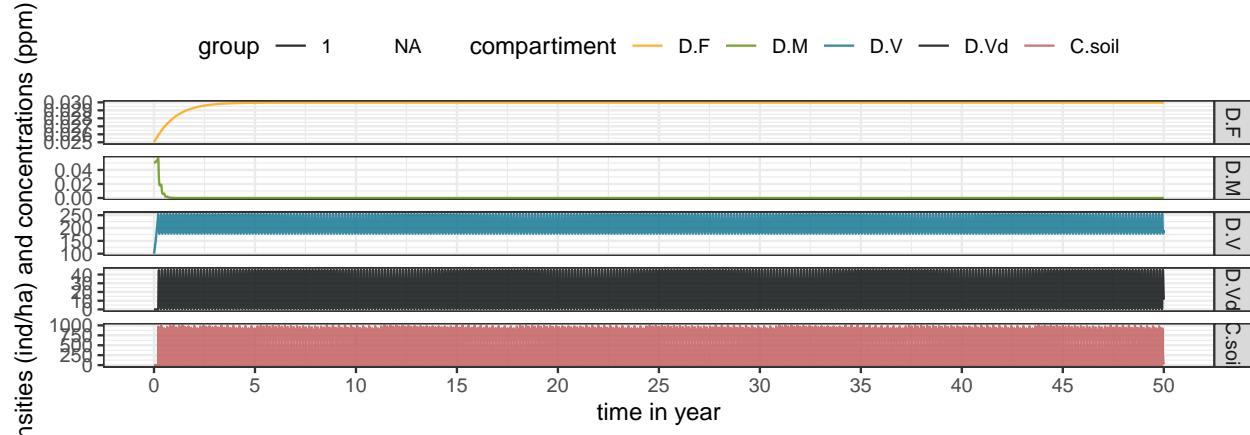
LD50\_V: 4 LD50\_M: 3 LD50\_F: 0.5



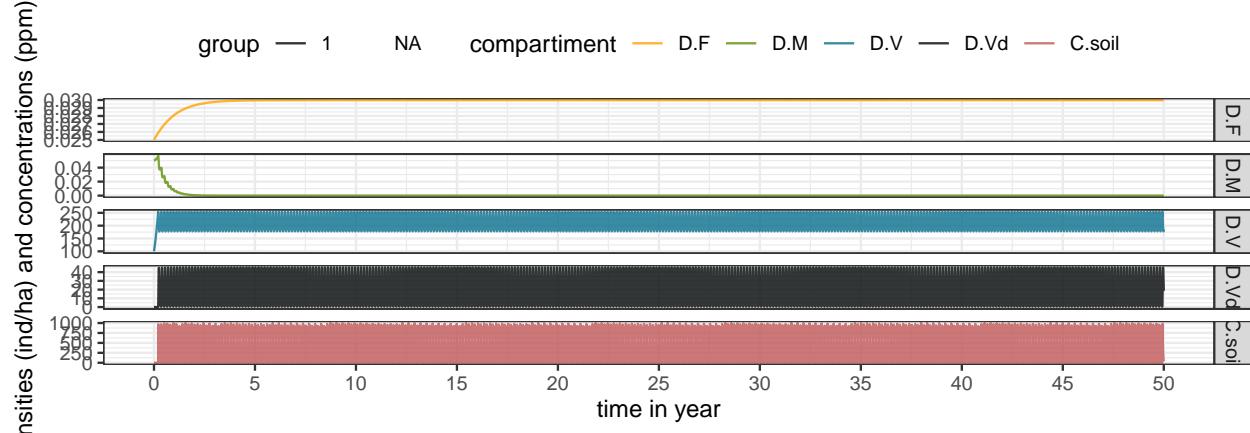
LD50\_V: 3.5 LD50\_M: 3 LD50\_F: 0.5



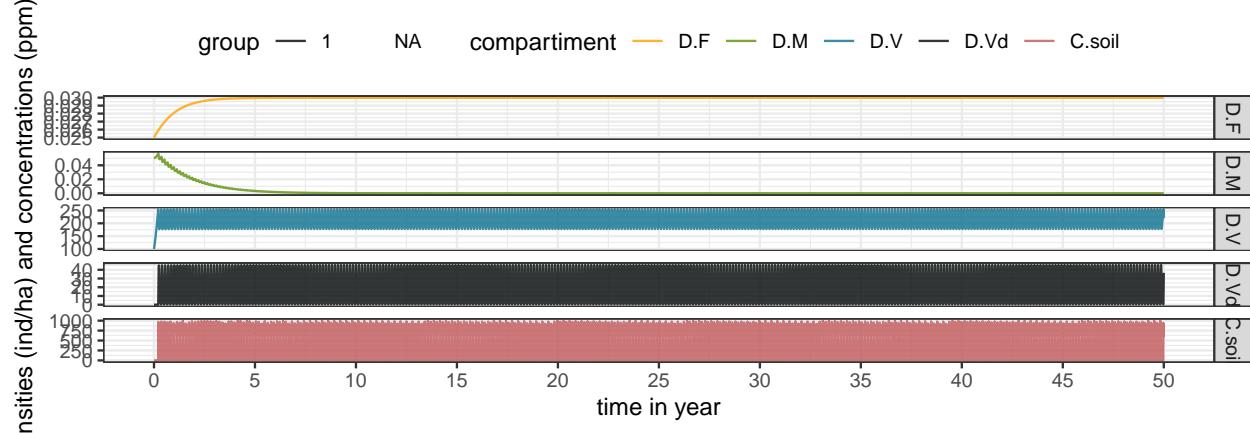
LD50\_V: 3.5 LD50\_M: 1.5 LD50\_F: 2



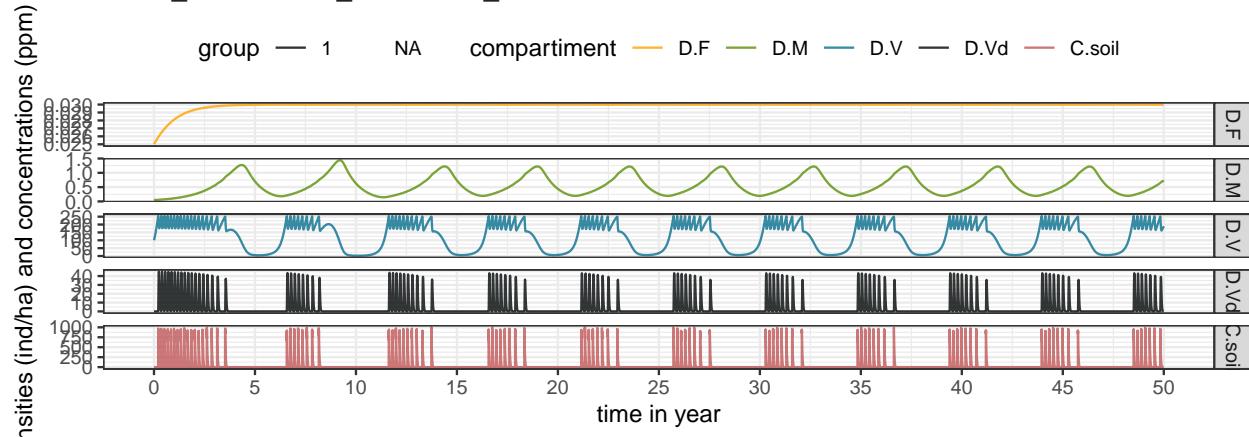
LD50\_V: 3.5 LD50\_M: 2 LD50\_F: 2



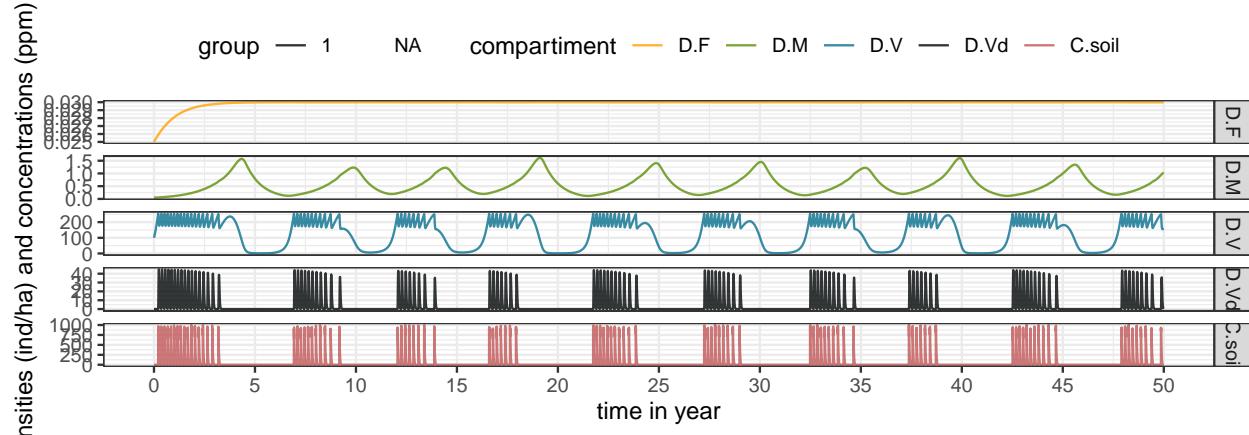
LD50\_V: 3.5 LD50\_M: 2.5 LD50\_F: 2



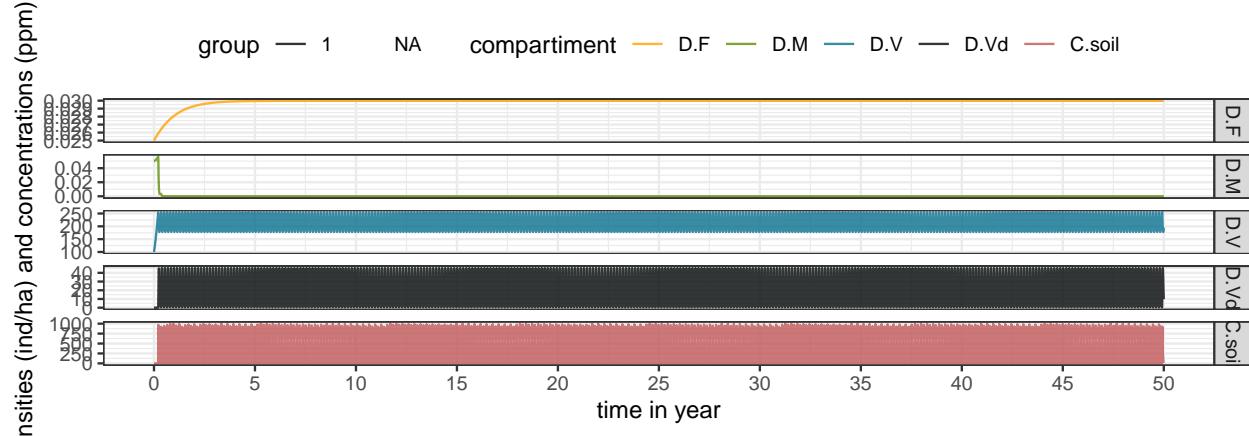
LD50\_V: 3.5 LD50\_M: 7 LD50\_F: 2



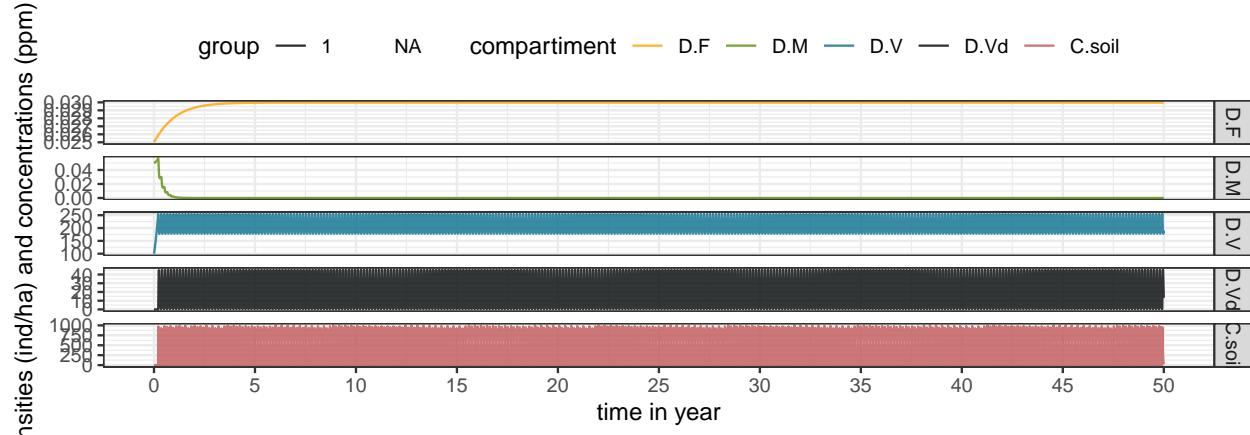
LD50\_V: 3.5 LD50\_M: 25 LD50\_F: 2



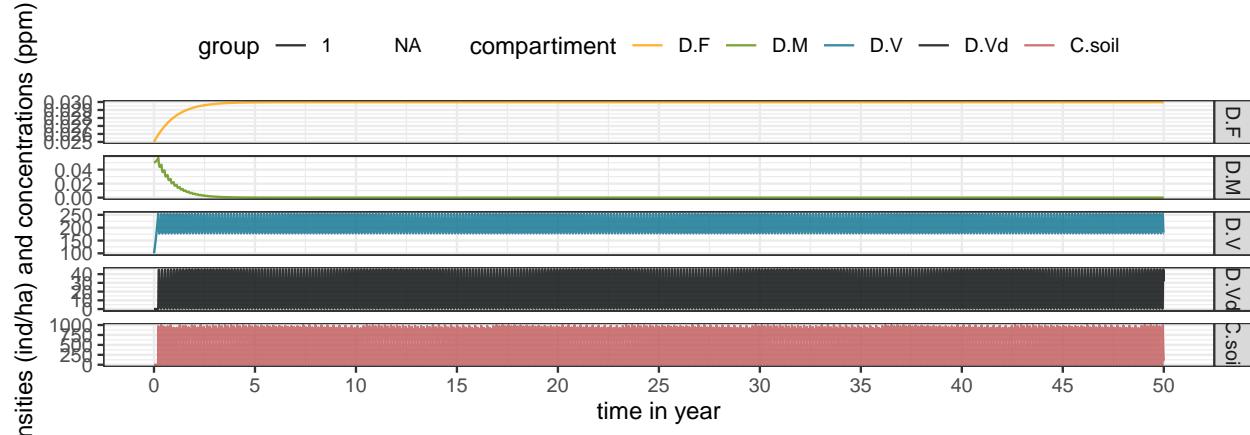
LD50\_V: 3.5 LD50\_M: 1 LD50\_F: 2



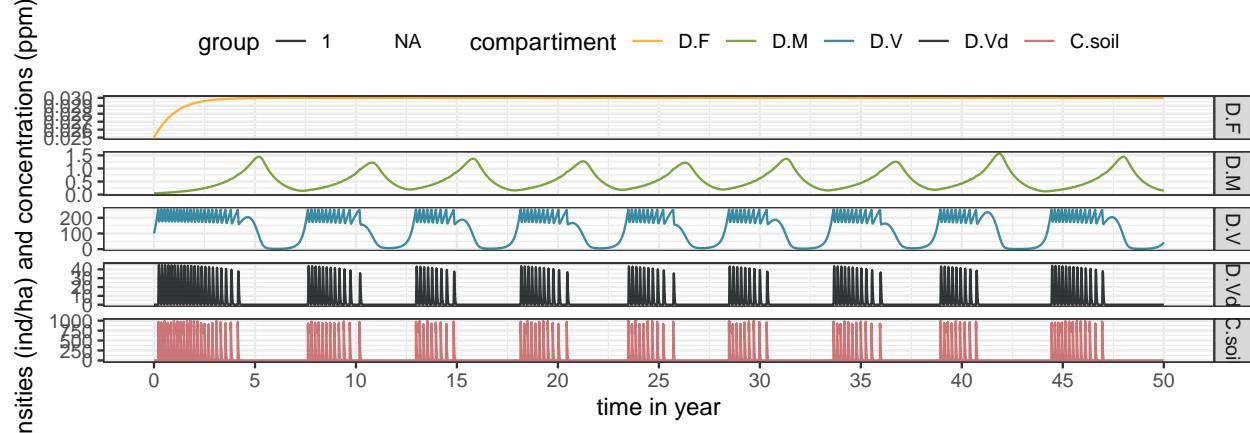
LD50\_V: 3.5 LD50\_M: 1.75 LD50\_F: 2



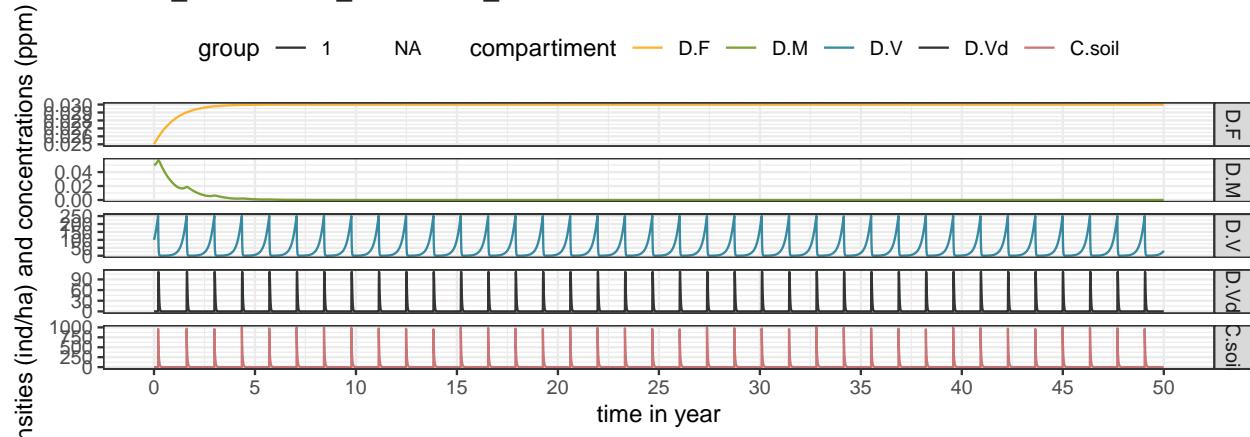
LD50\_V: 3.5 LD50\_M: 2.25 LD50\_F: 2



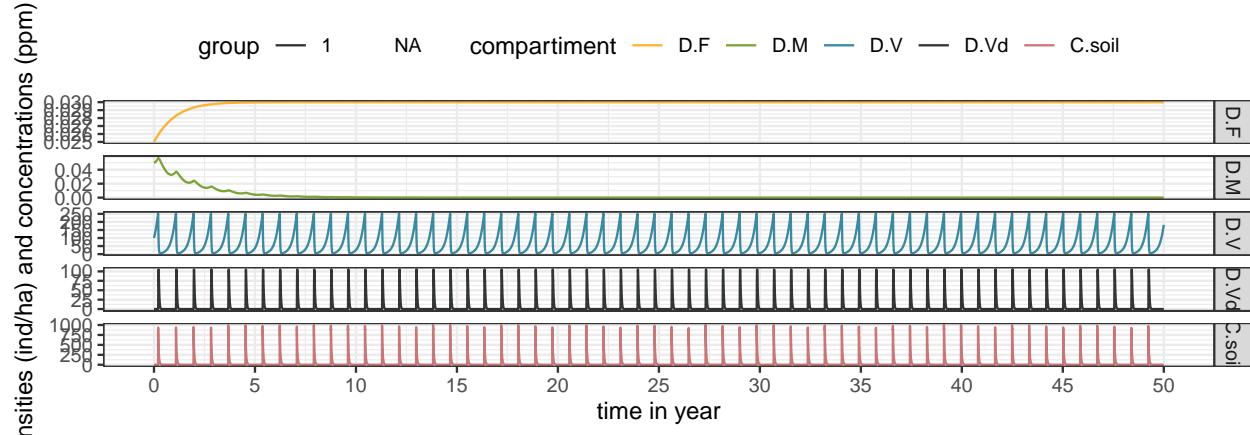
LD50\_V: 3.5 LD50\_M: 4 LD50\_F: 2



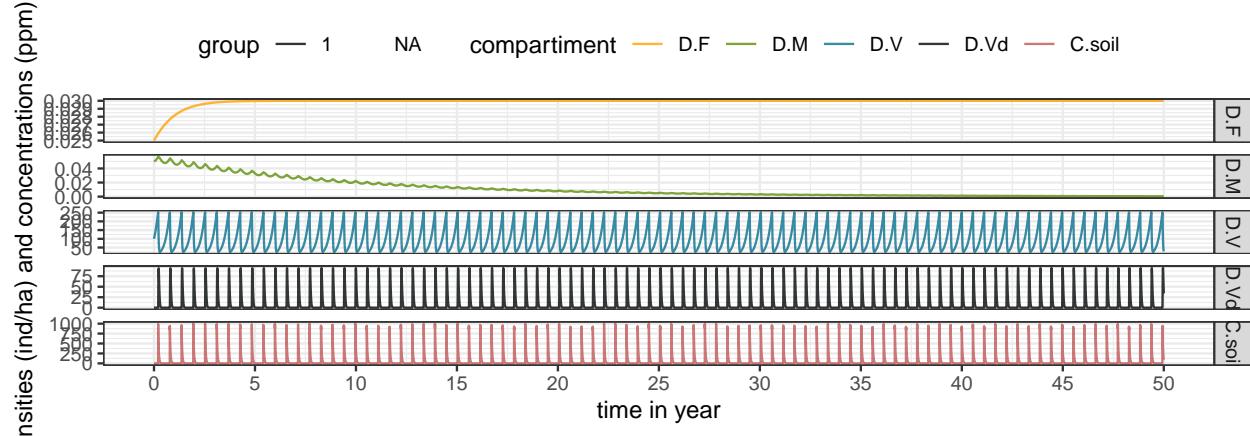
LD50\_V: 0.7 LD50\_M: 3 LD50\_F: 2



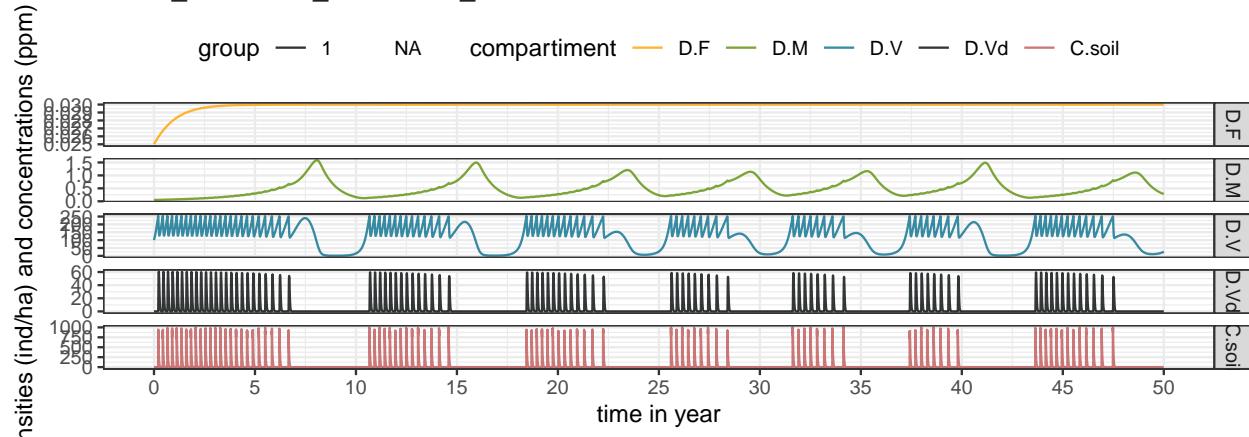
LD50\_V: 1.5 LD50\_M: 3 LD50\_F: 2



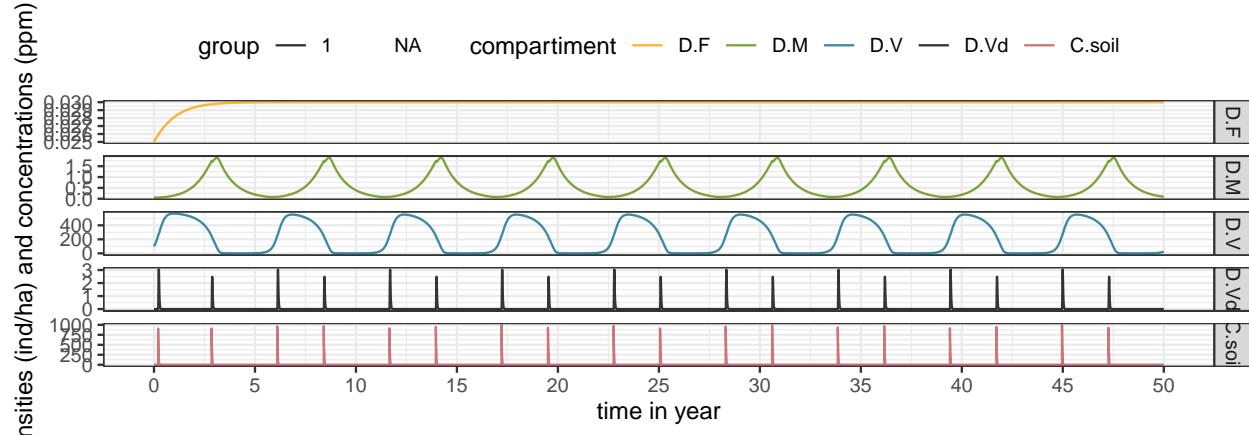
LD50\_V: 2 LD50\_M: 3 LD50\_F: 2



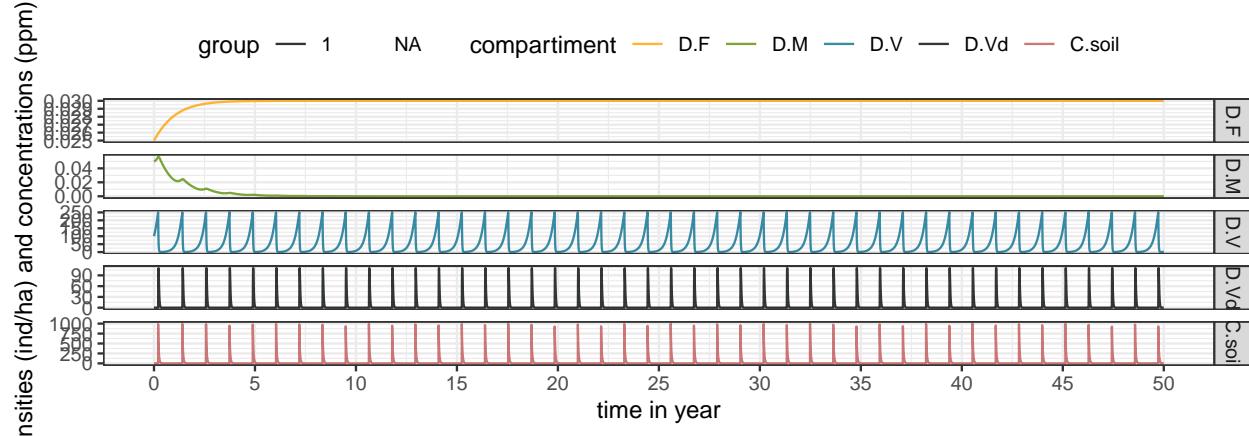
LD50\_V: 3 LD50\_M: 3 LD50\_F: 2



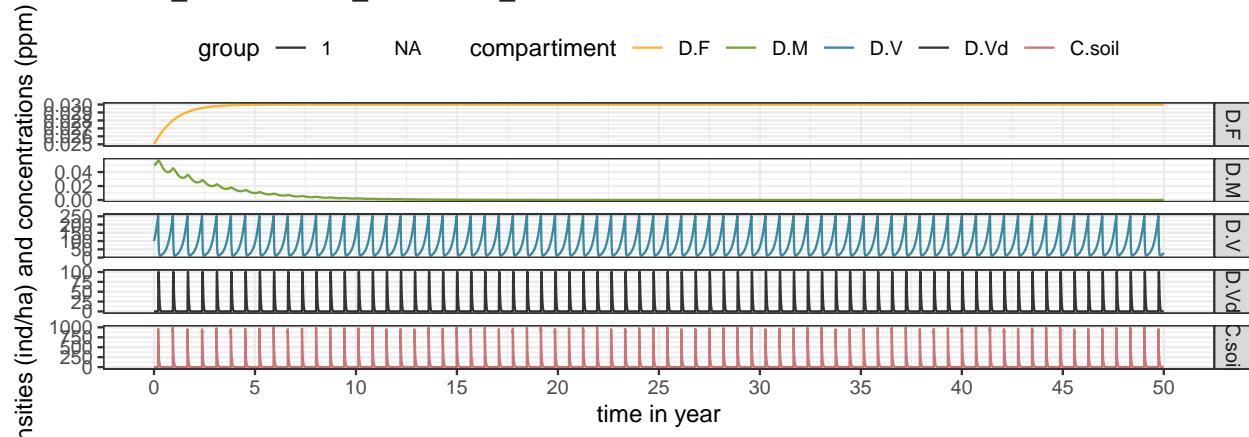
LD50\_V: 7 LD50\_M: 3 LD50\_F: 2



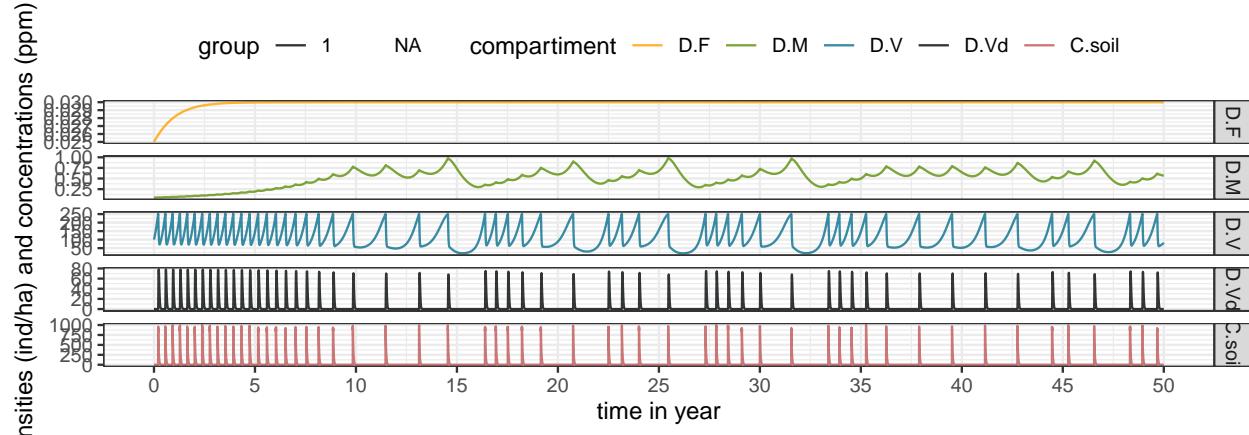
LD50\_V: 1 LD50\_M: 3 LD50\_F: 2



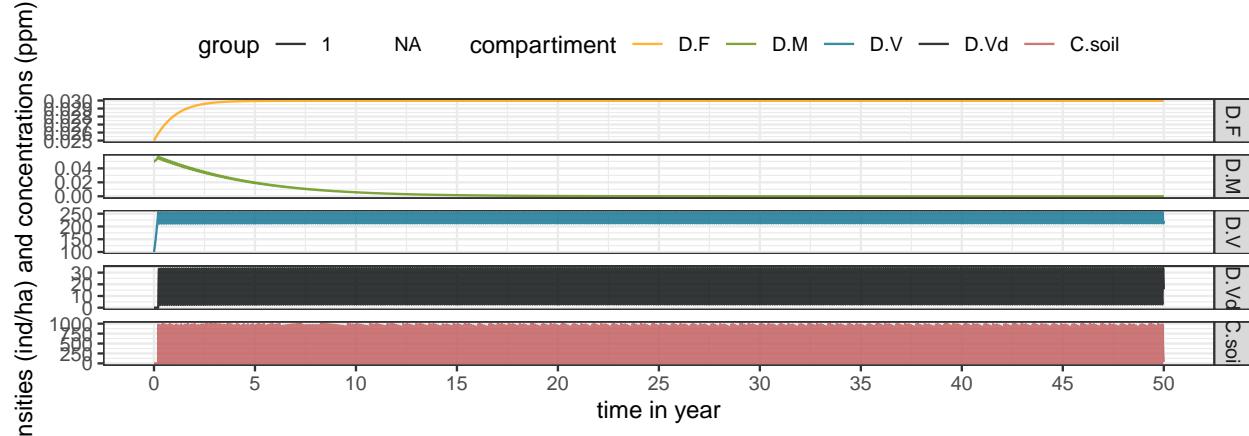
LD50\_V: 1.75 LD50\_M: 3 LD50\_F: 2



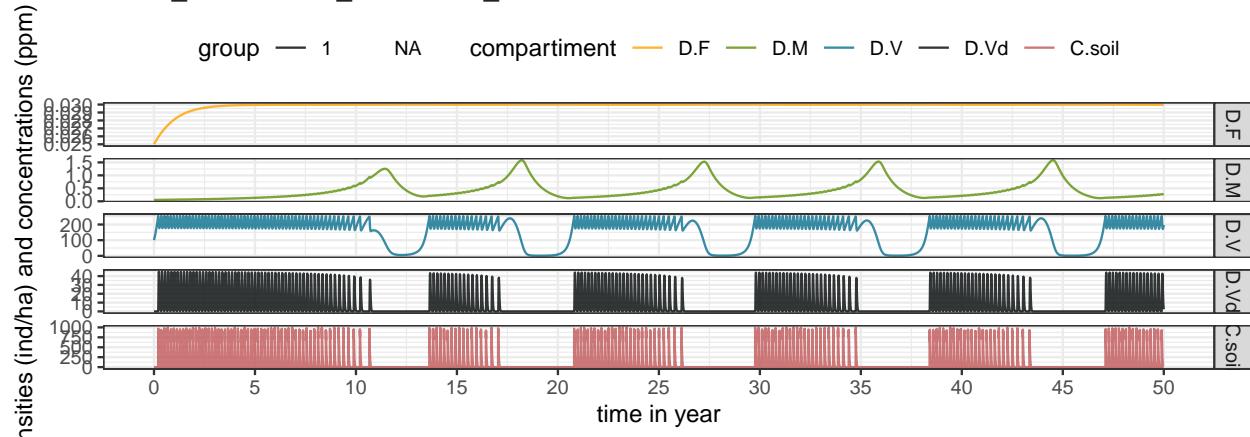
LD50\_V: 2.5 LD50\_M: 3 LD50\_F: 2



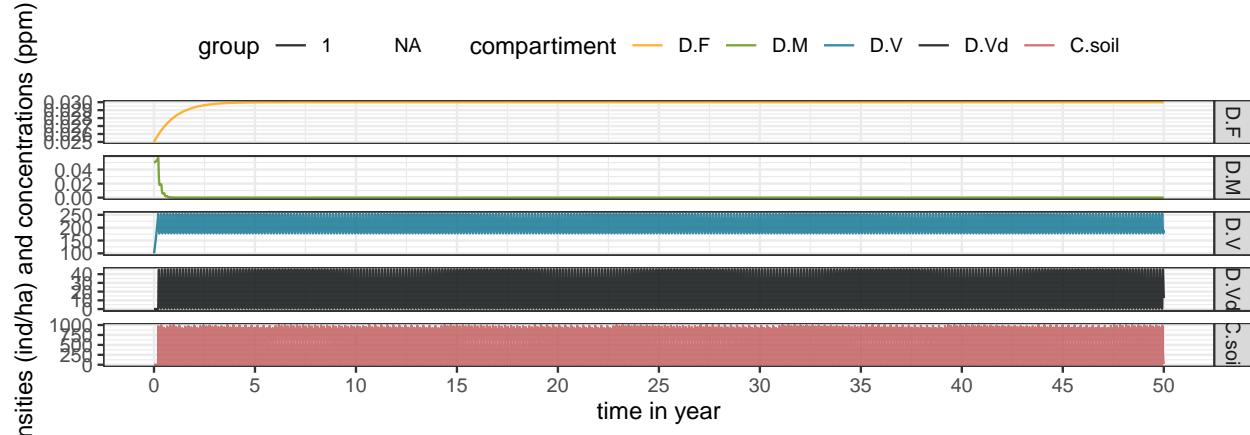
LD50\_V: 4 LD50\_M: 3 LD50\_F: 2



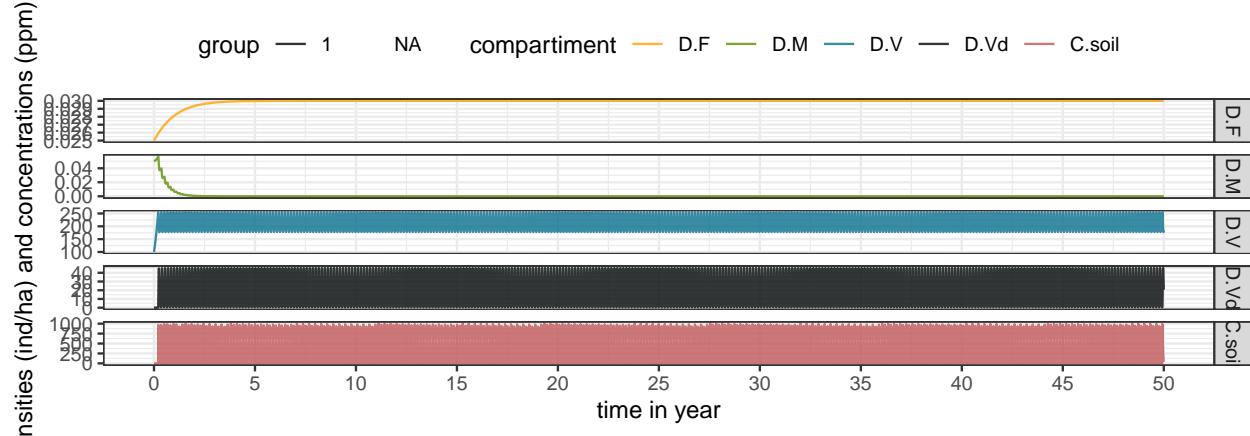
LD50\_V: 3.5 LD50\_M: 3 LD50\_F: 2



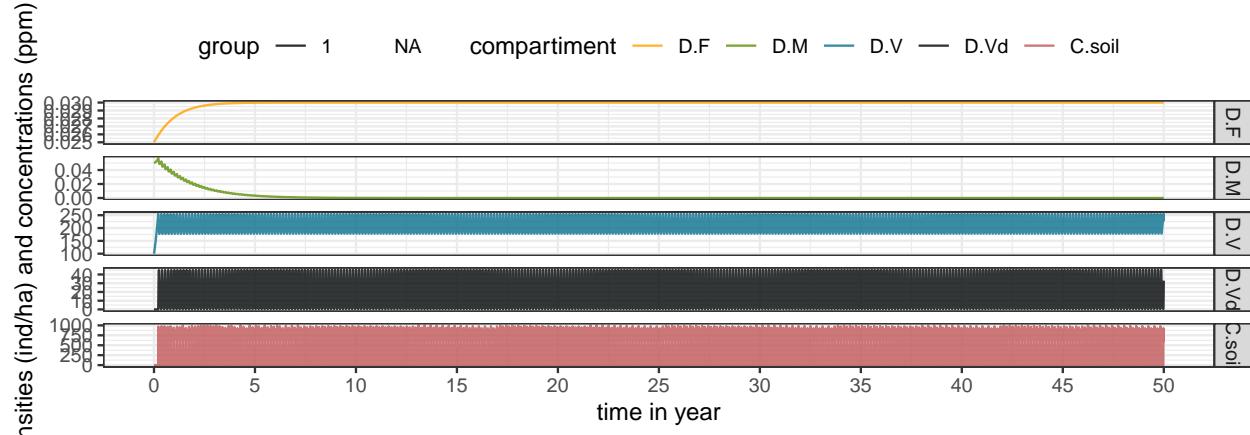
LD50\_V: 3.5 LD50\_M: 1.5 LD50\_F: 7



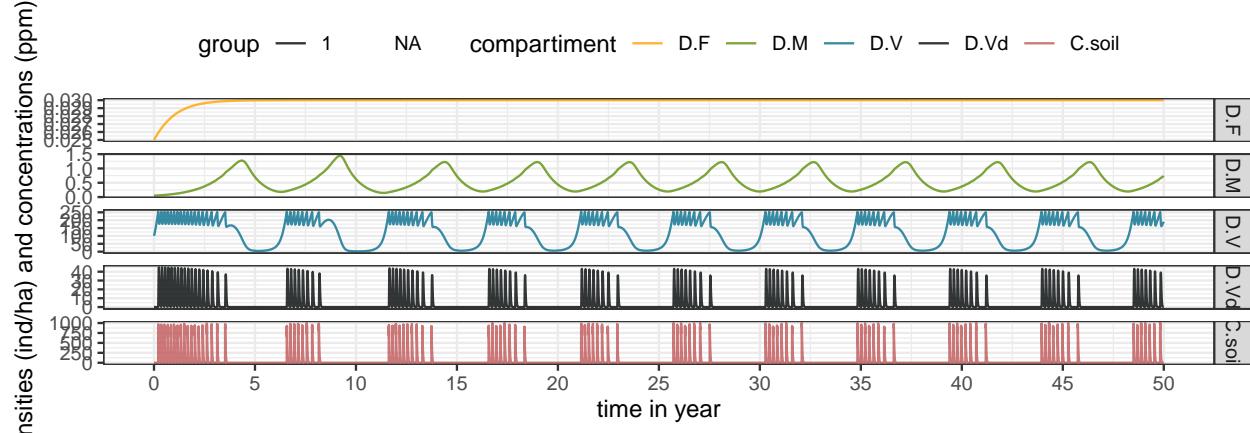
LD50\_V: 3.5 LD50\_M: 2 LD50\_F: 7



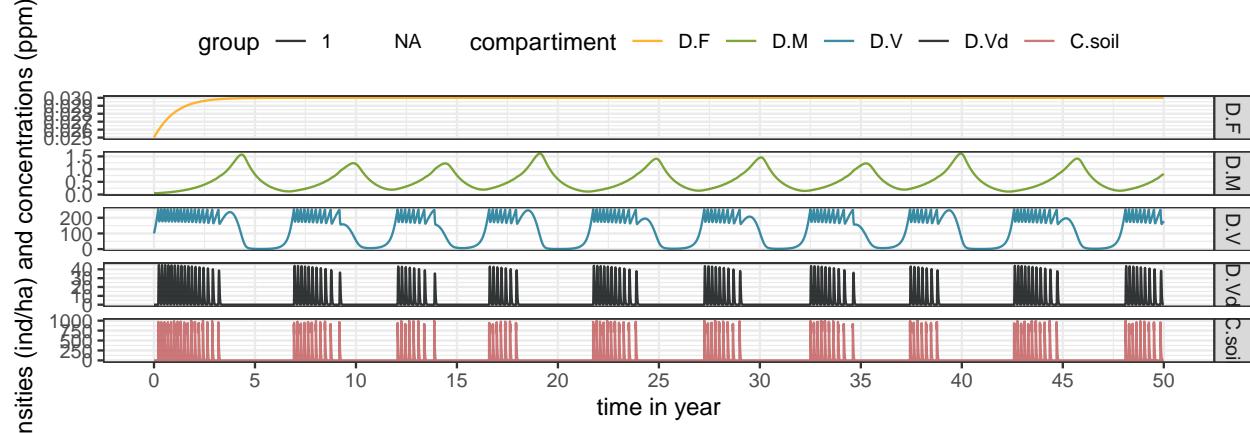
LD50\_V: 3.5 LD50\_M: 2.5 LD50\_F: 7



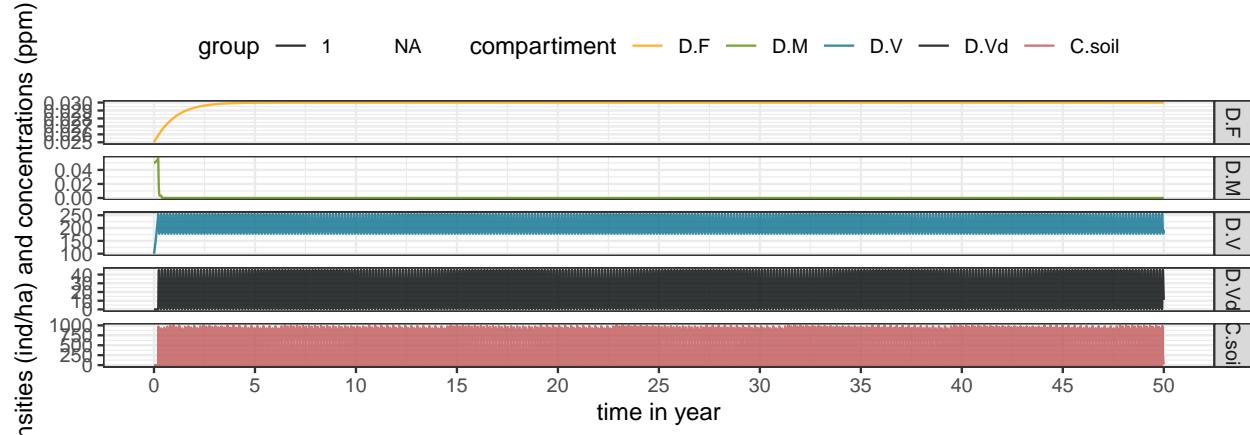
LD50\_V: 3.5 LD50\_M: 7 LD50\_F: 7



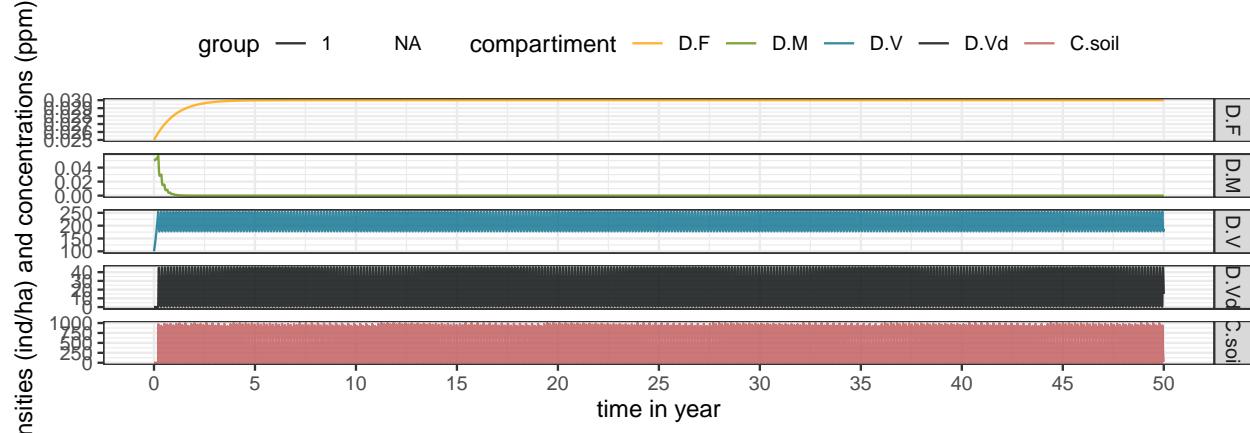
LD50\_V: 3.5 LD50\_M: 25 LD50\_F: 7



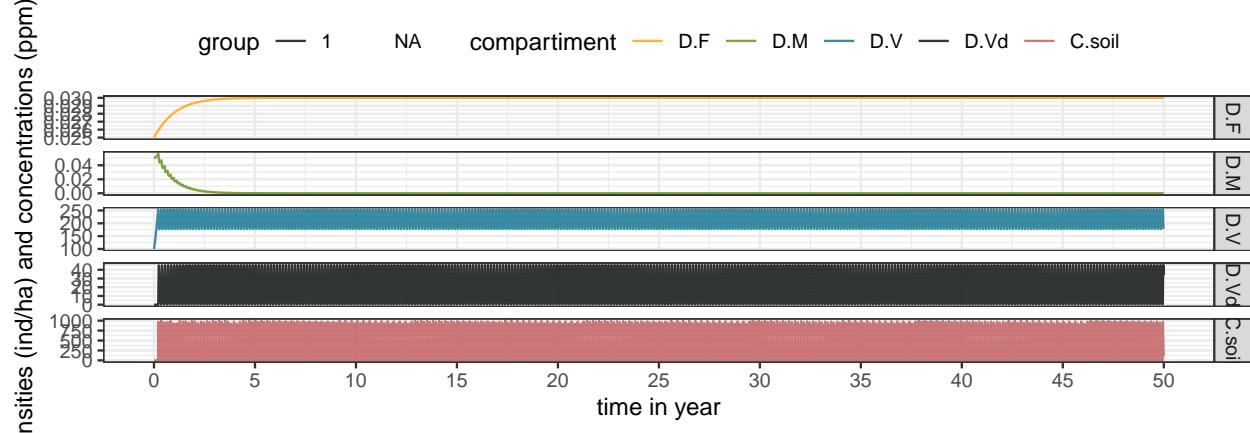
LD50\_V: 3.5 LD50\_M: 1 LD50\_F: 7



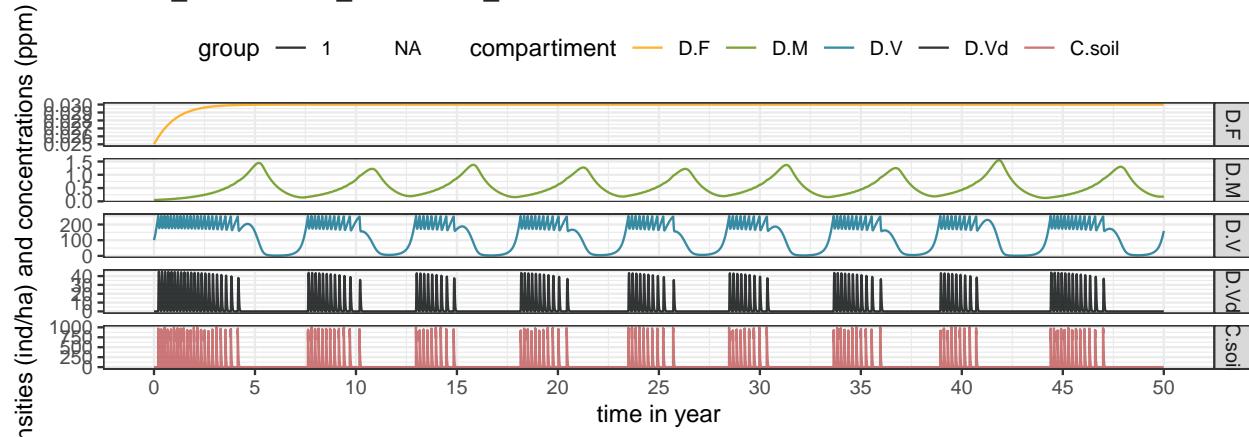
LD50\_V: 3.5 LD50\_M: 1.75 LD50\_F: 7



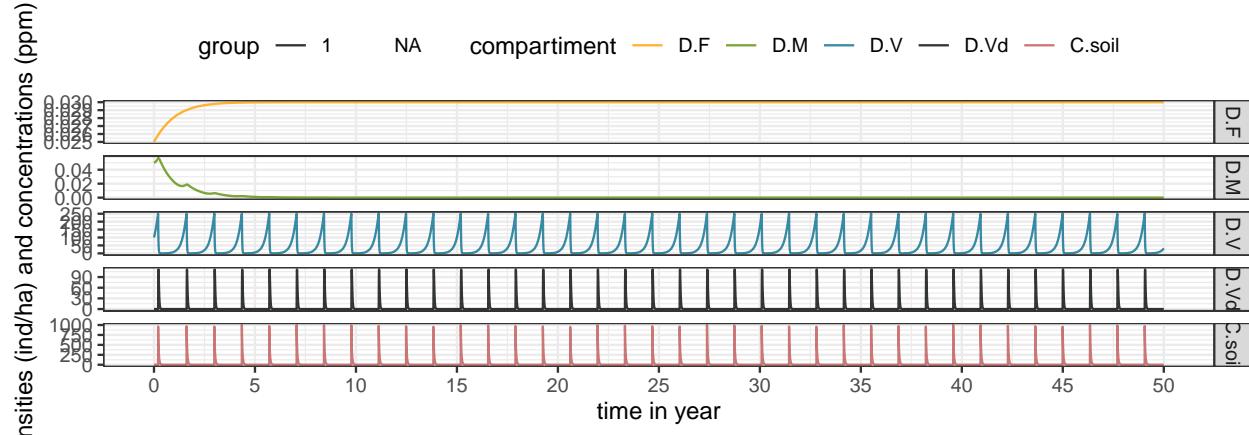
LD50\_V: 3.5 LD50\_M: 2.25 LD50\_F: 7



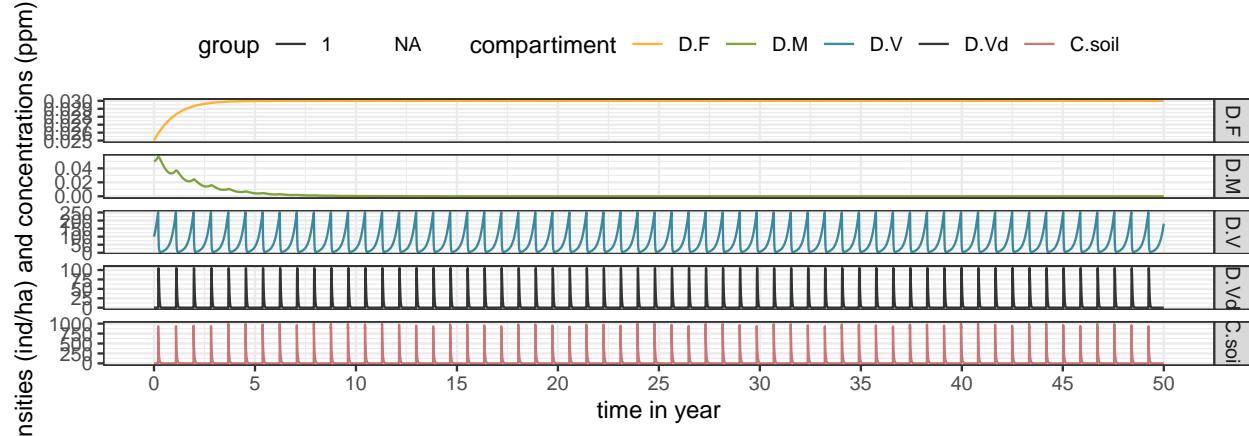
LD50\_V: 3.5 LD50\_M: 4 LD50\_F: 7



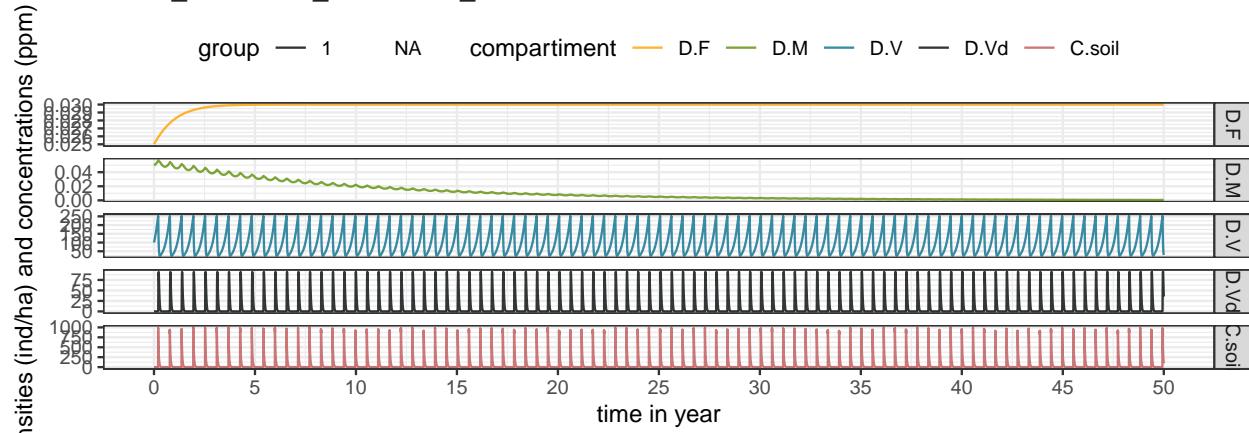
LD50\_V: 0.7 LD50\_M: 3 LD50\_F: 7



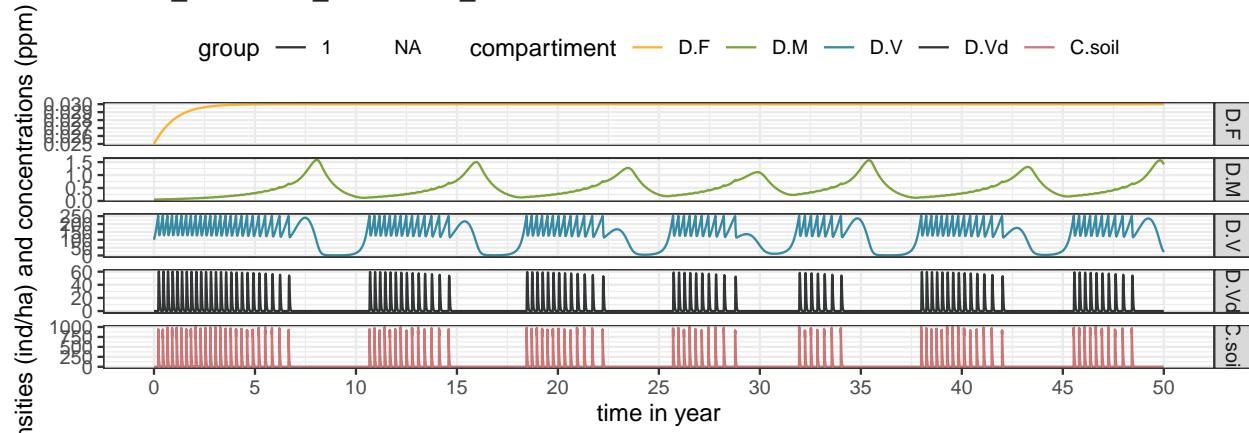
LD50\_V: 1.5 LD50\_M: 3 LD50\_F: 7



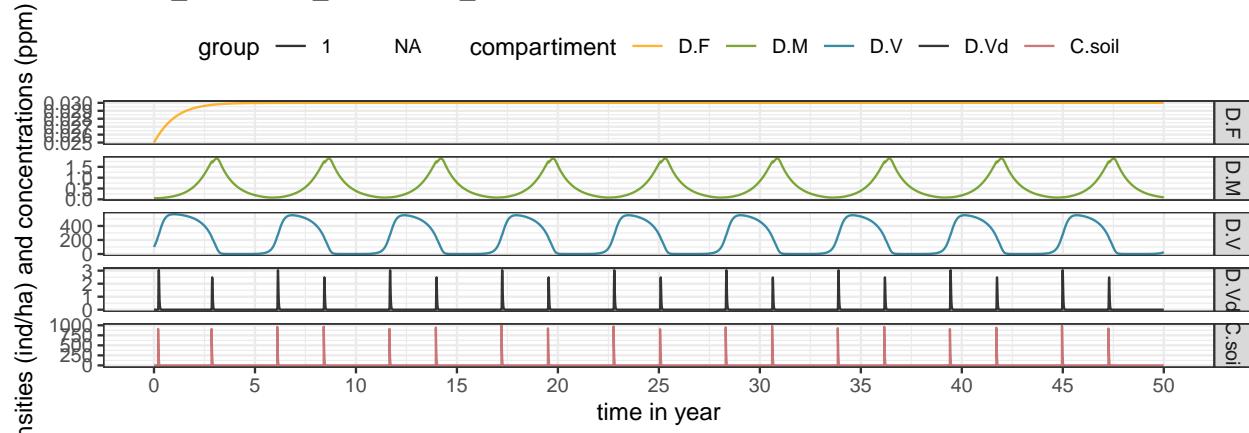
LD50\_V: 2 LD50\_M: 3 LD50\_F: 7



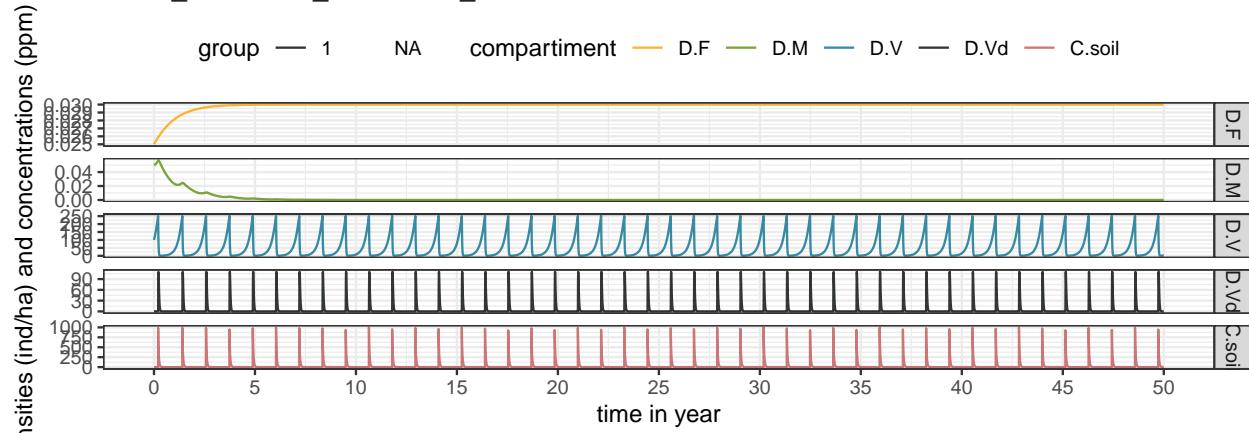
LD50\_V: 3 LD50\_M: 3 LD50\_F: 7



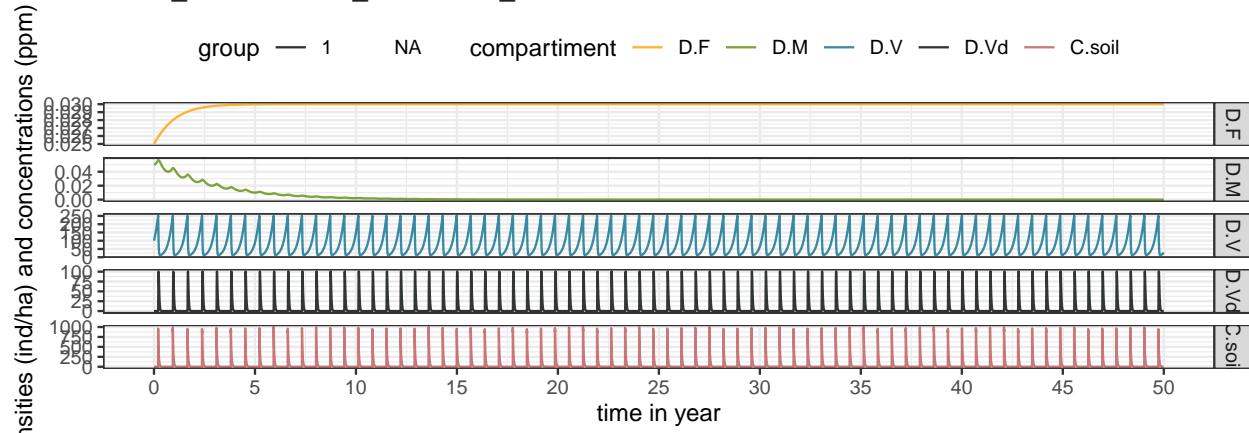
LD50\_V: 7 LD50\_M: 3 LD50\_F: 7



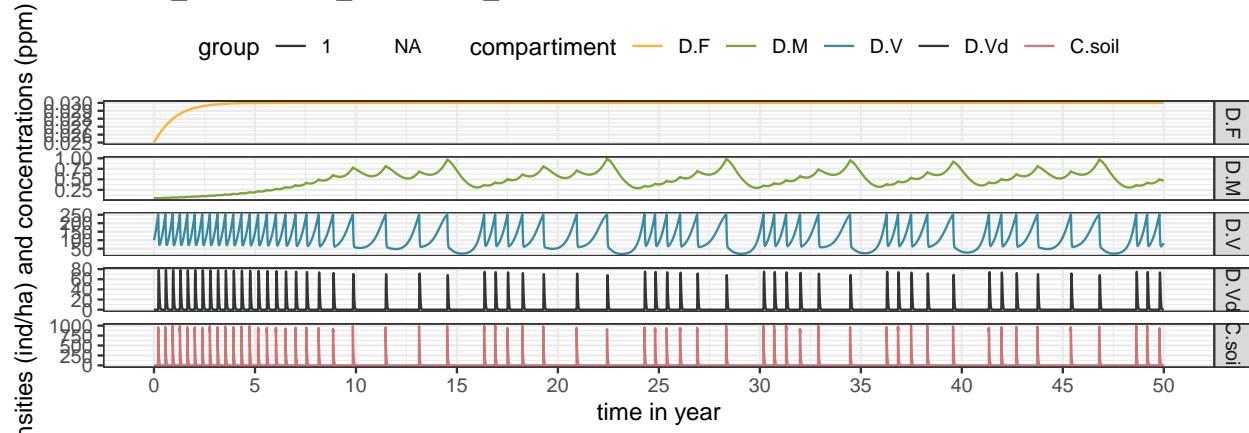
LD50\_V: 1 LD50\_M: 3 LD50\_F: 7



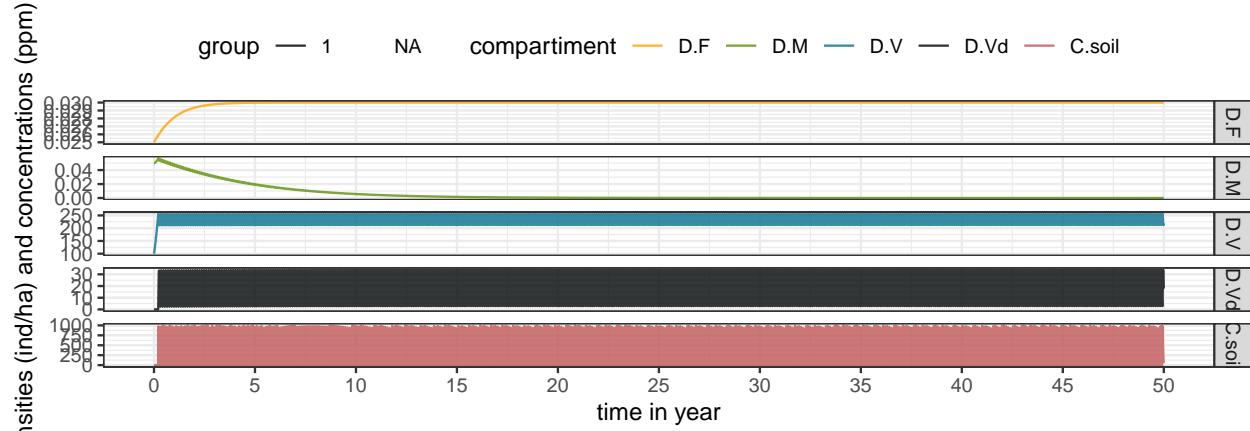
LD50\_V: 1.75 LD50\_M: 3 LD50\_F: 7



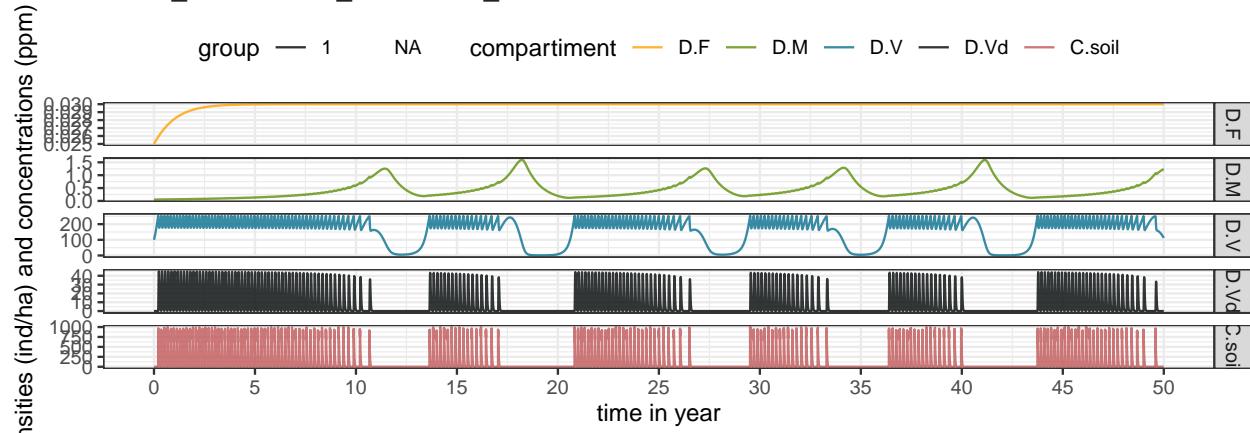
LD50\_V: 2.5 LD50\_M: 3 LD50\_F: 7



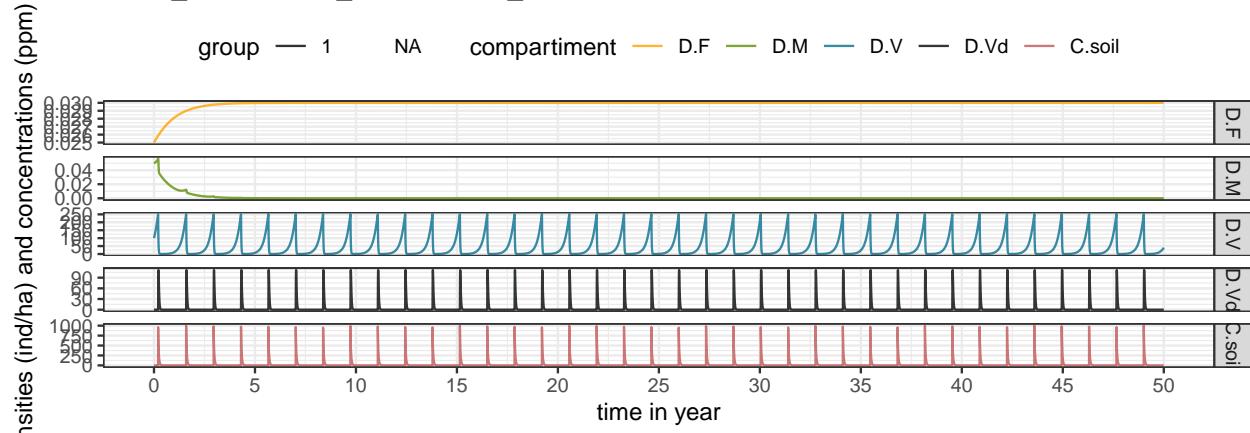
LD50\_V: 4 LD50\_M: 3 LD50\_F: 7



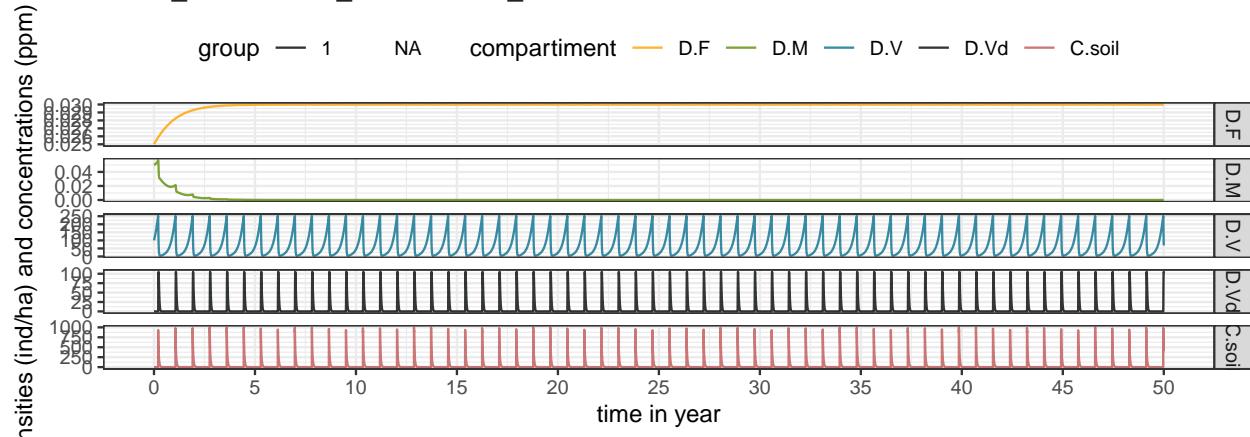
LD50\_V: 3.5 LD50\_M: 3 LD50\_F: 7



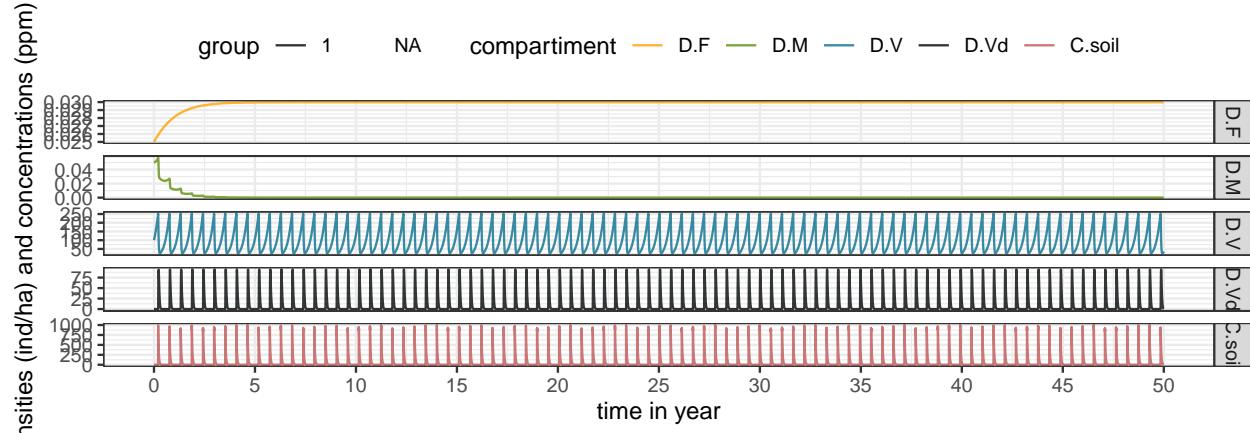
LD50\_V: 0.7 LD50\_M: 1.5 LD50\_F: 1.5



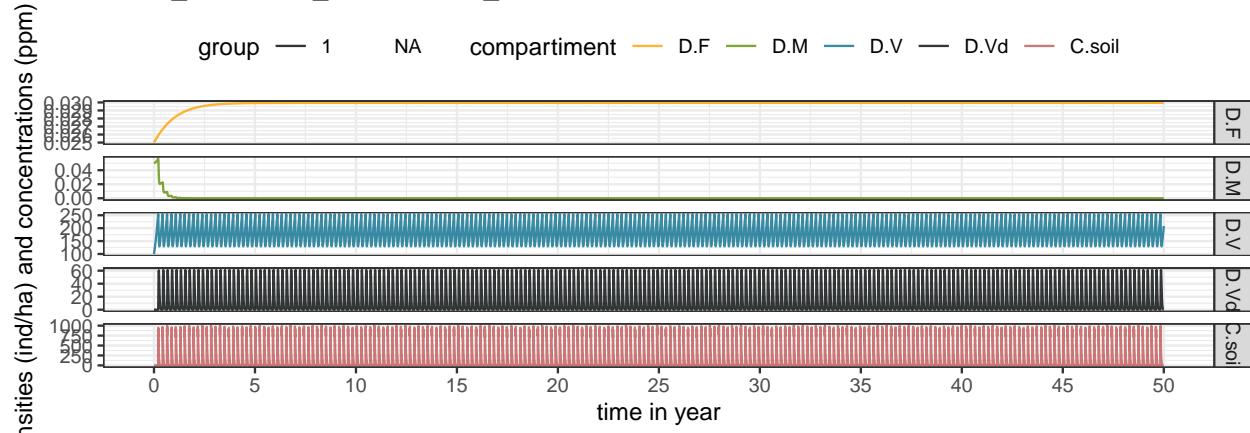
LD50\_V: 1.5 LD50\_M: 1.5 LD50\_F: 1.5



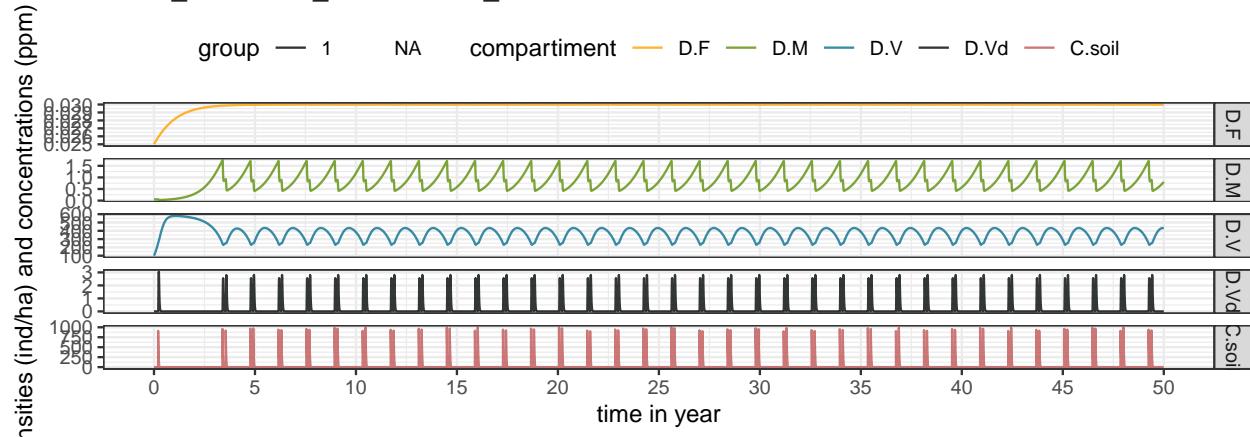
LD50\_V: 2 LD50\_M: 1.5 LD50\_F: 1.5



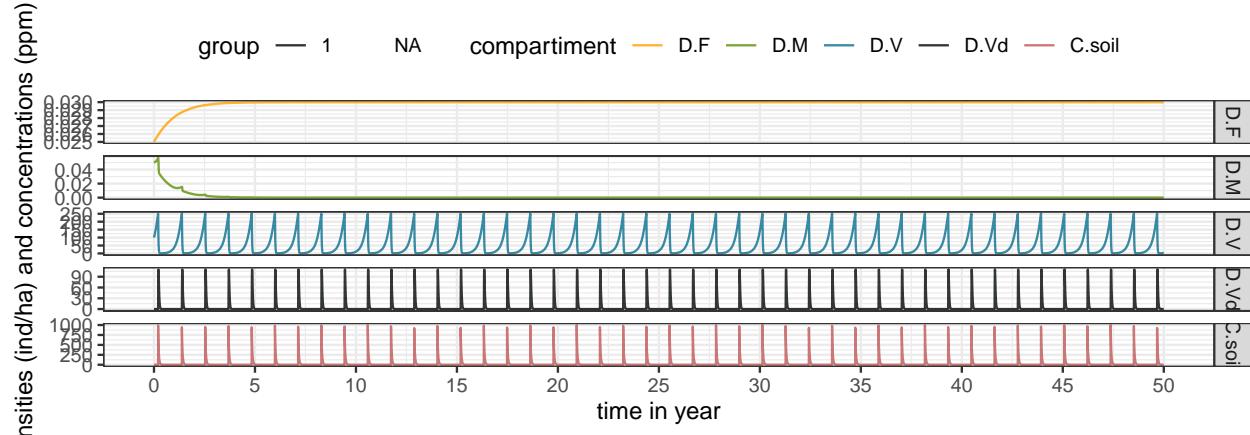
LD50\_V: 3 LD50\_M: 1.5 LD50\_F: 1.5



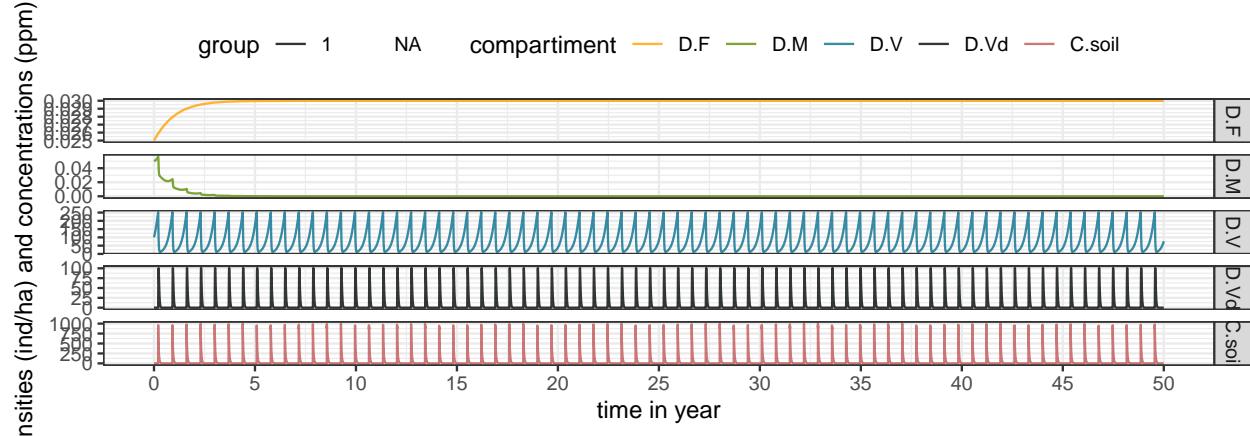
LD50\_V: 7 LD50\_M: 1.5 LD50\_F: 1.5



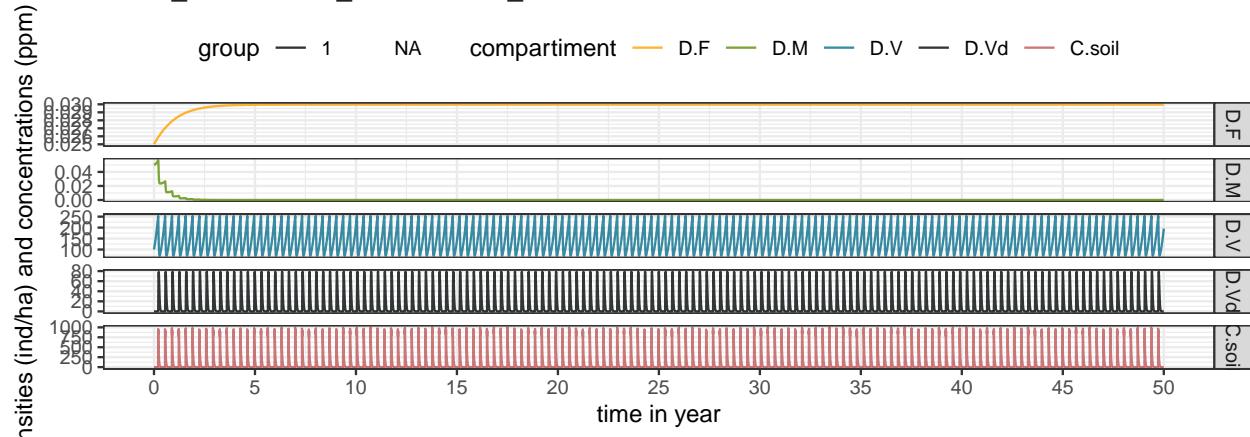
LD50\_V: 1 LD50\_M: 1.5 LD50\_F: 1.5



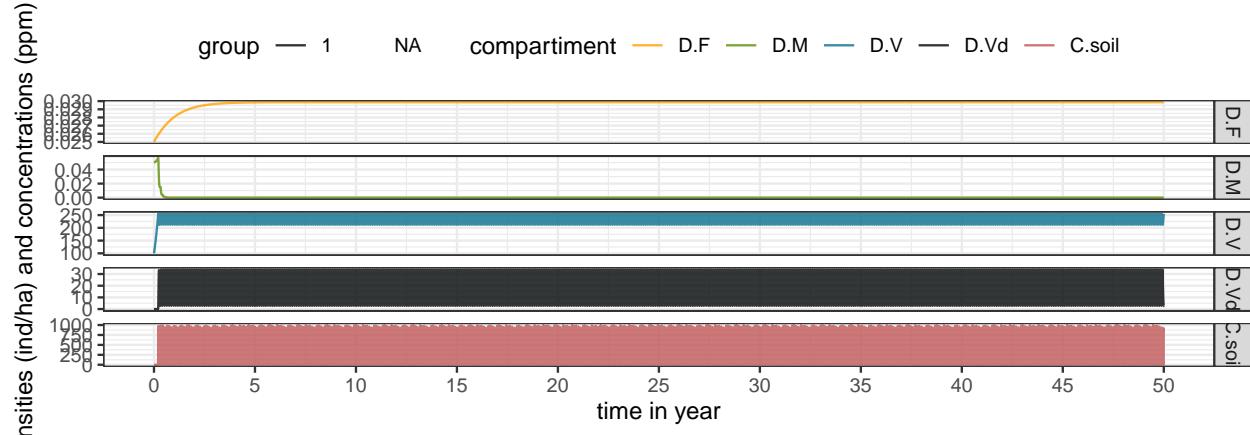
LD50\_V: 1.75 LD50\_M: 1.5 LD50\_F: 1.5



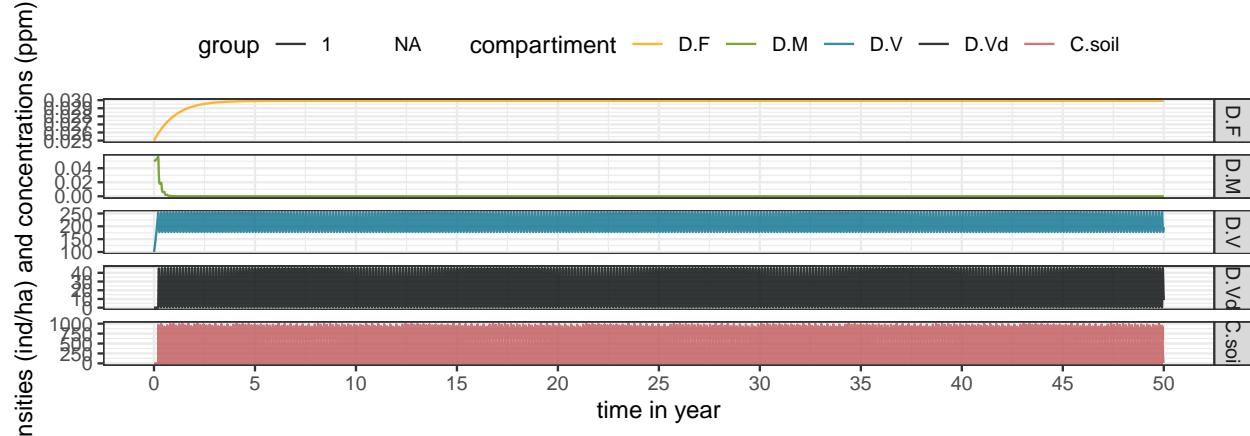
LD50\_V: 2.5 LD50\_M: 1.5 LD50\_F: 1.5



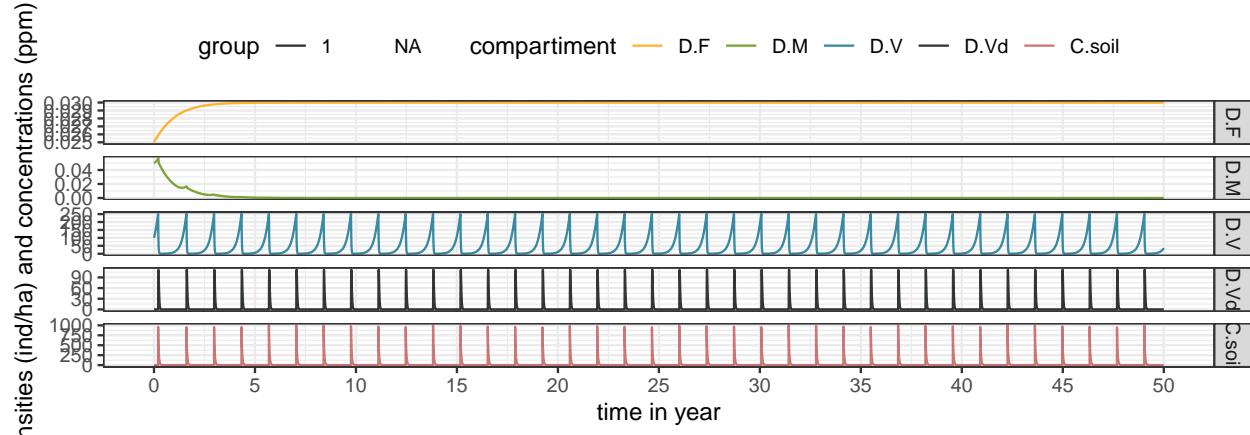
LD50\_V: 4 LD50\_M: 1.5 LD50\_F: 1.5



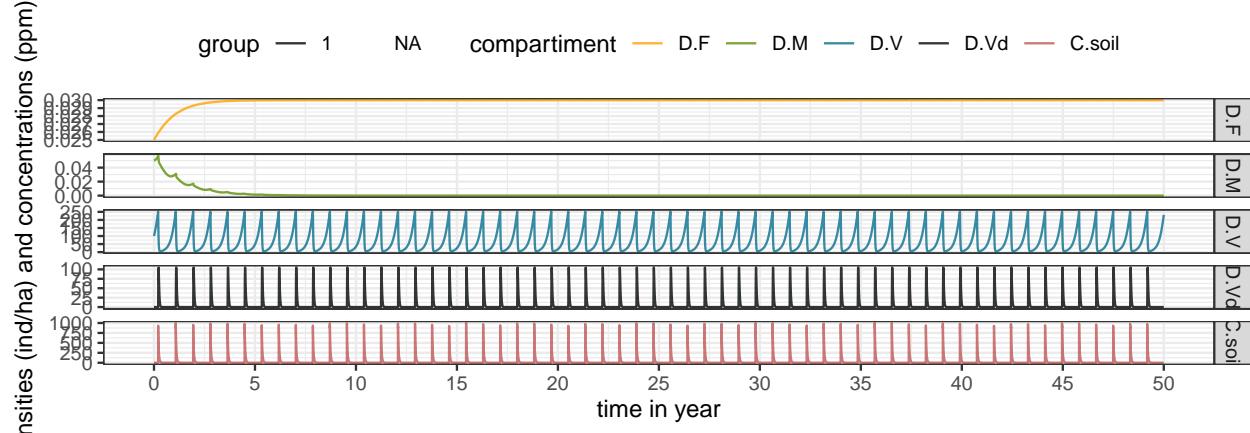
LD50\_V: 3.5 LD50\_M: 1.5 LD50\_F: 1.5



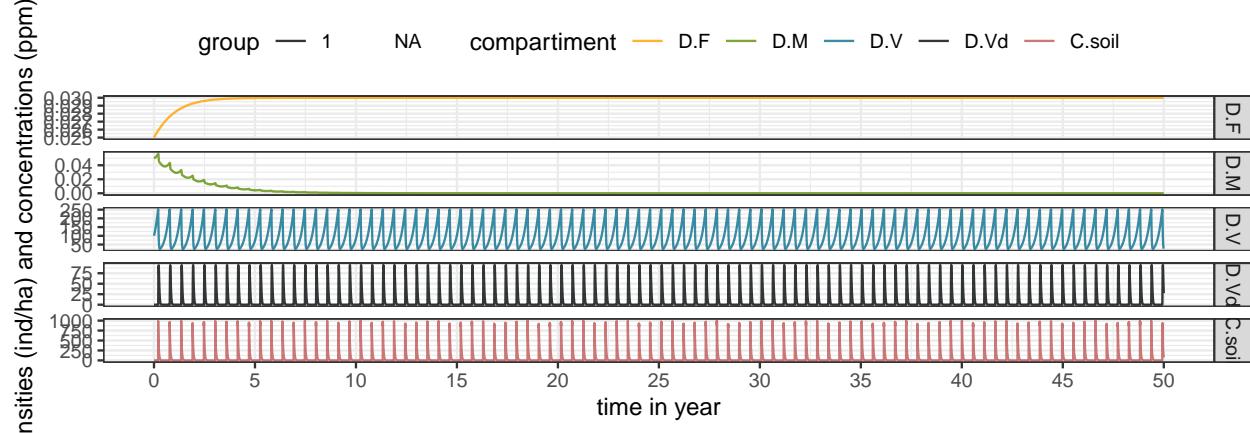
LD50\_V: 0.7 LD50\_M: 2 LD50\_F: 1.5



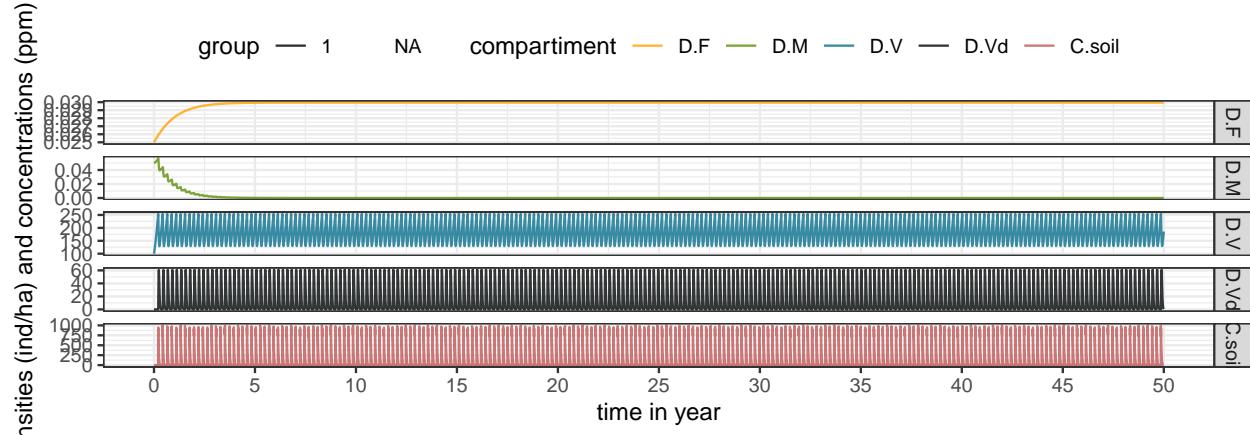
LD50\_V: 1.5 LD50\_M: 2 LD50\_F: 1.5



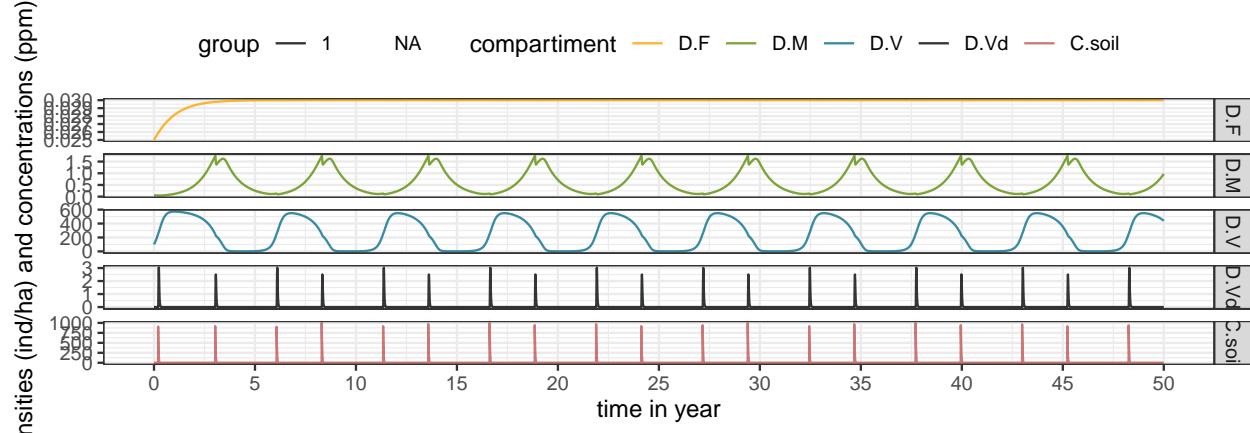
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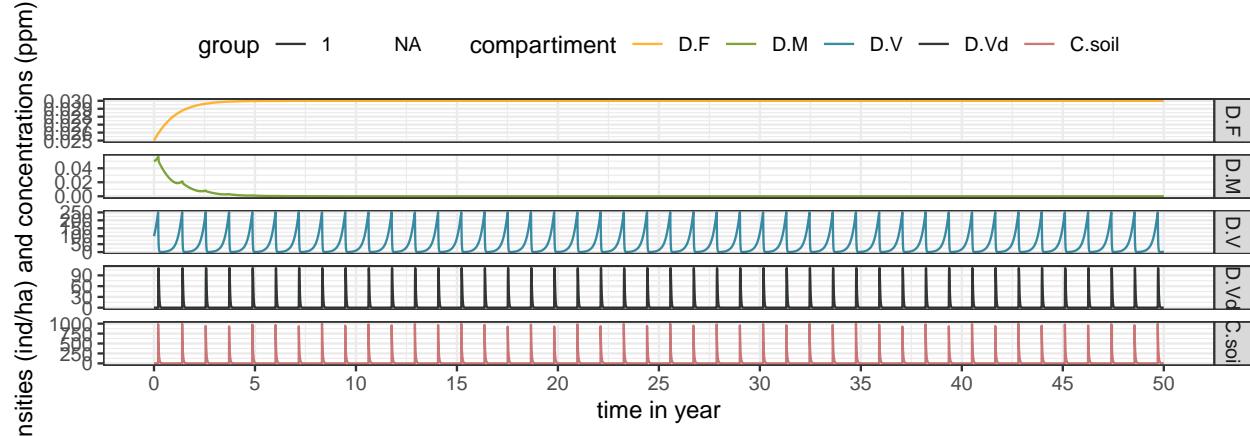
LD50\_V: 3 LD50\_M: 2 LD50\_F: 1.5



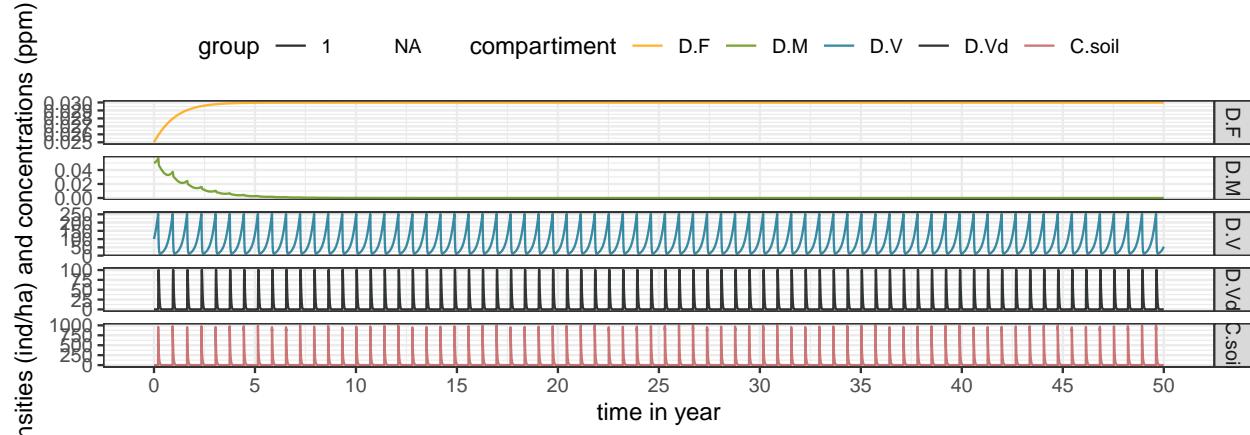
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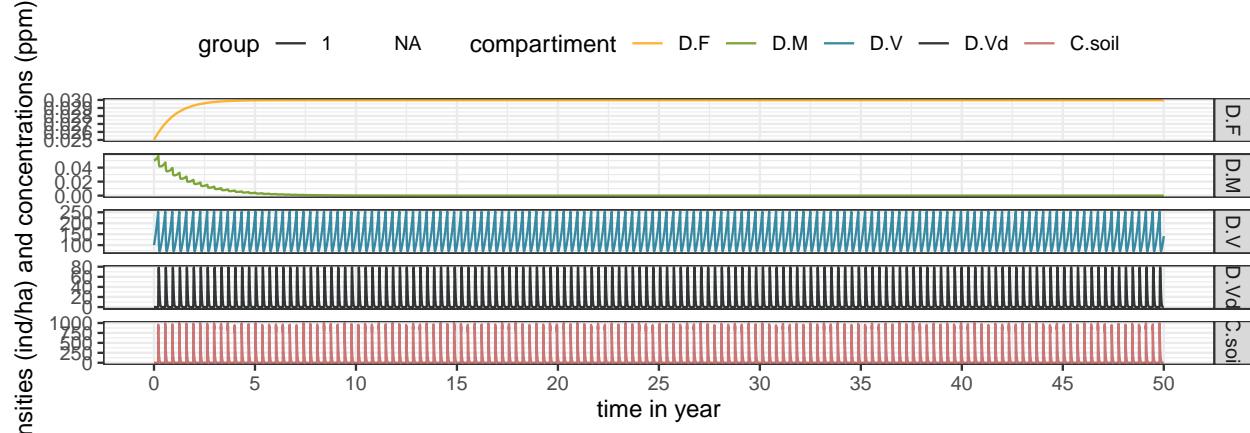
LD50\_V: 1 LD50\_M: 2 LD50\_F: 1.5



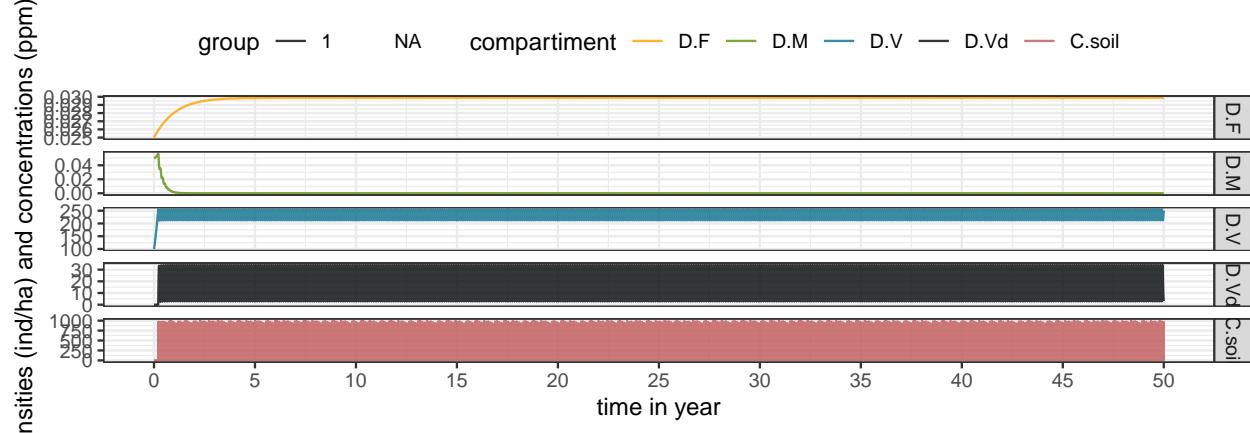
LD50\_V: 1.75 LD50\_M: 2 LD50\_F: 1.5



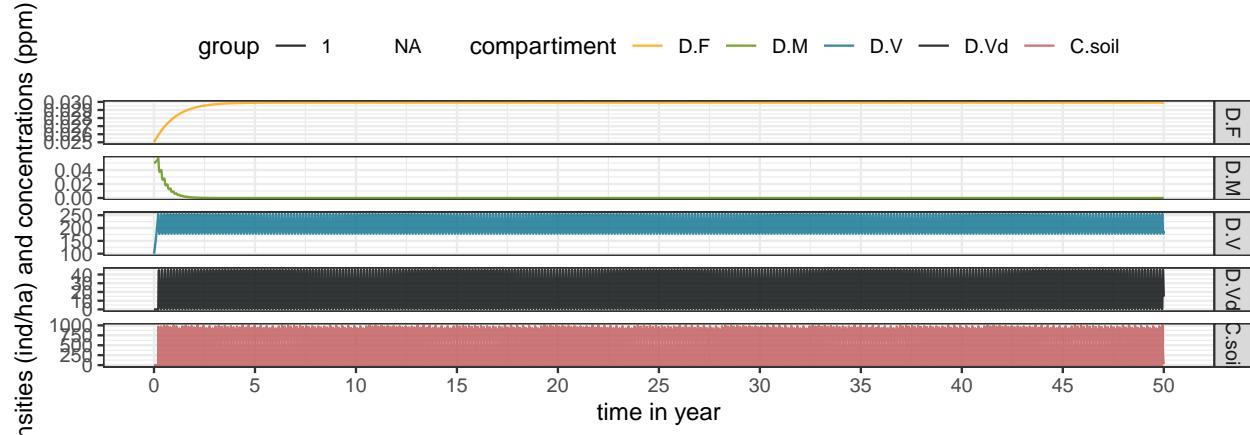
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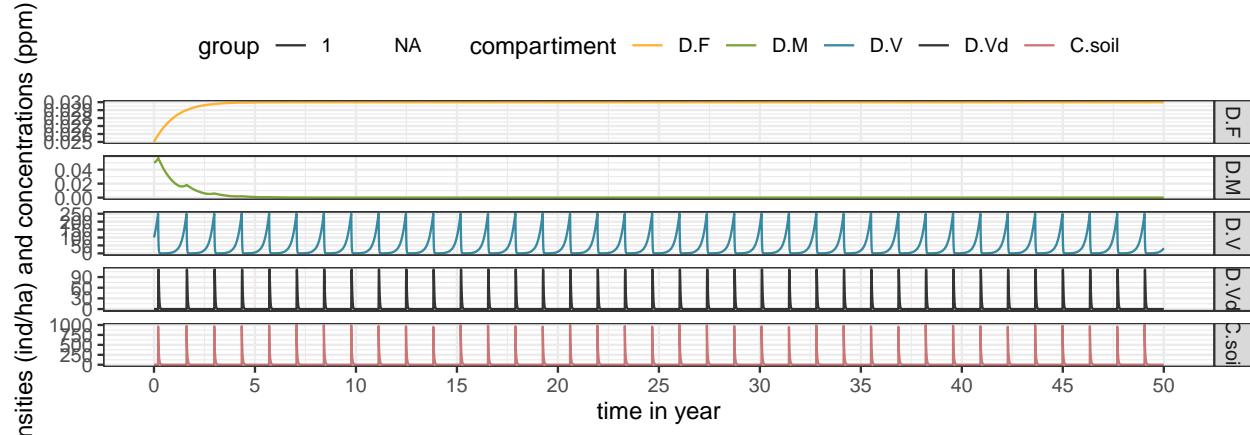
LD50\_V: 4 LD50\_M: 2 LD50\_F: 1.5



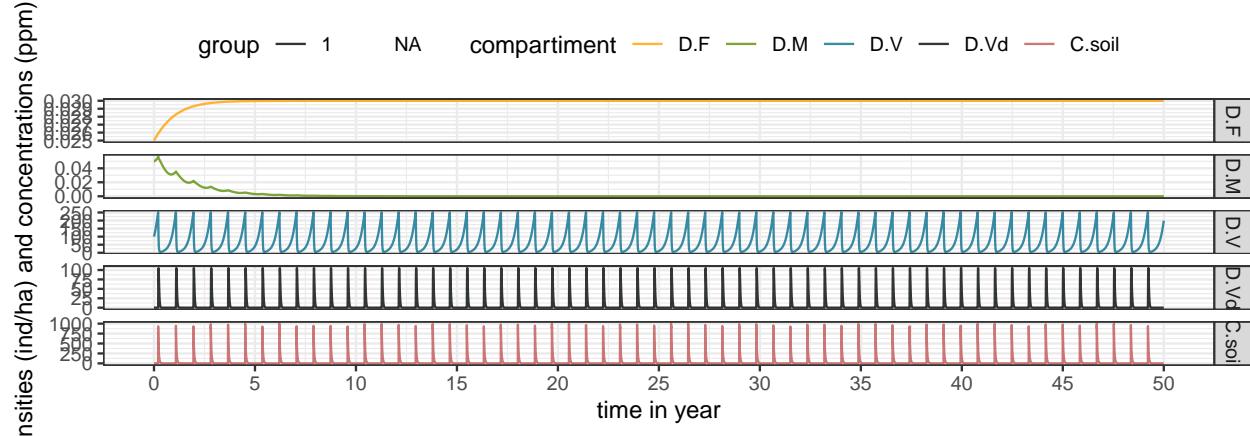
LD50\_V: 3.5 LD50\_M: 2 LD50\_F: 1.5



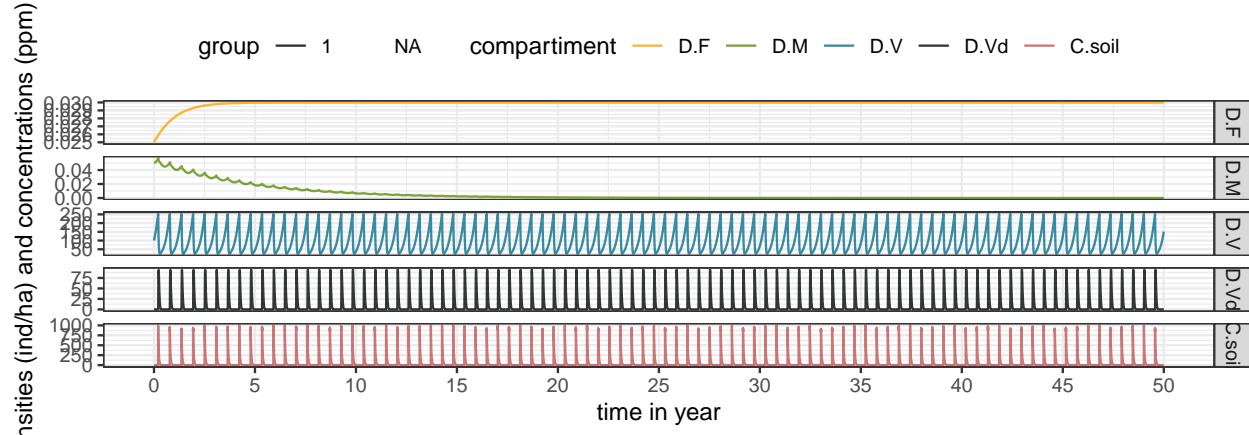
LD50\_V: 0.7 LD50\_M: 2.5 LD50\_F: 1.5



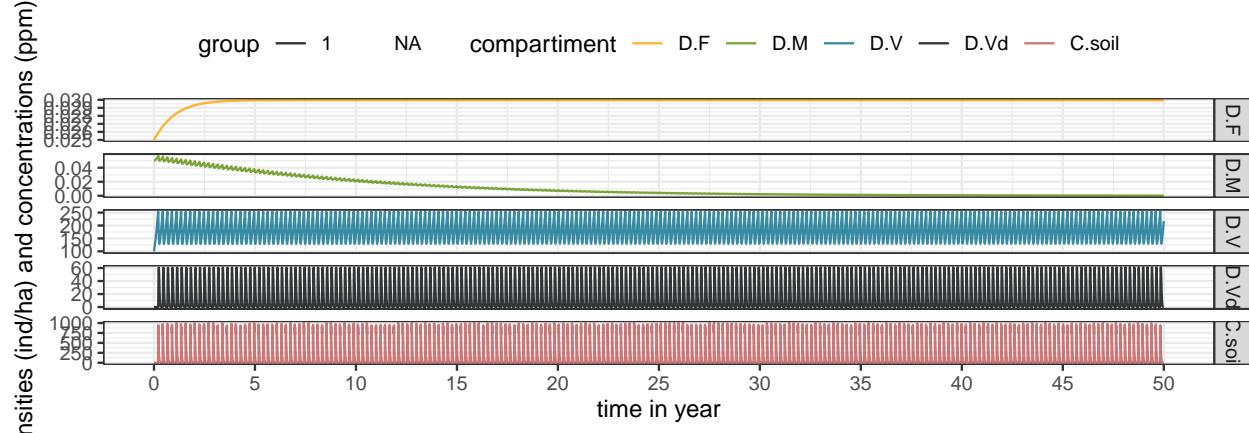
LD50\_V: 1.5 LD50\_M: 2.5 LD50\_F: 1.5



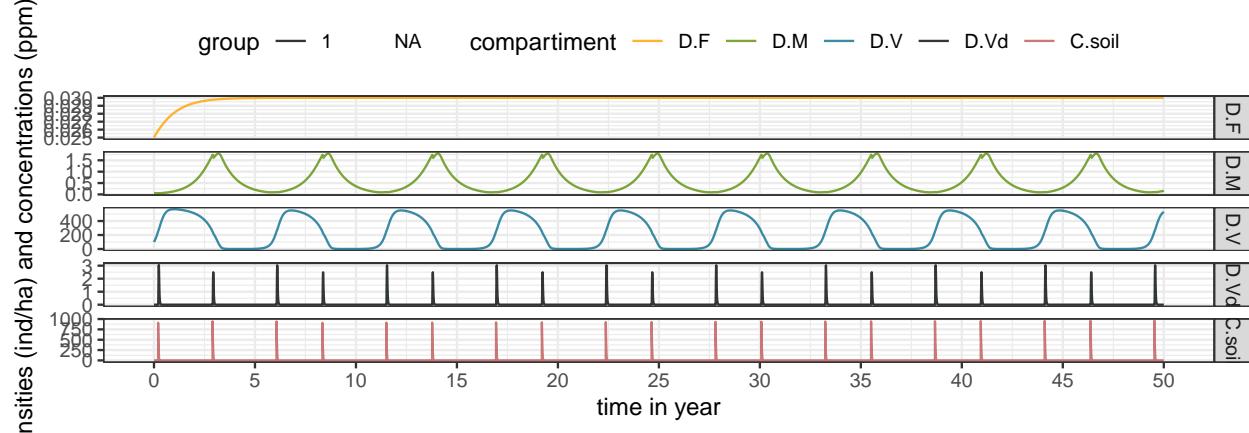
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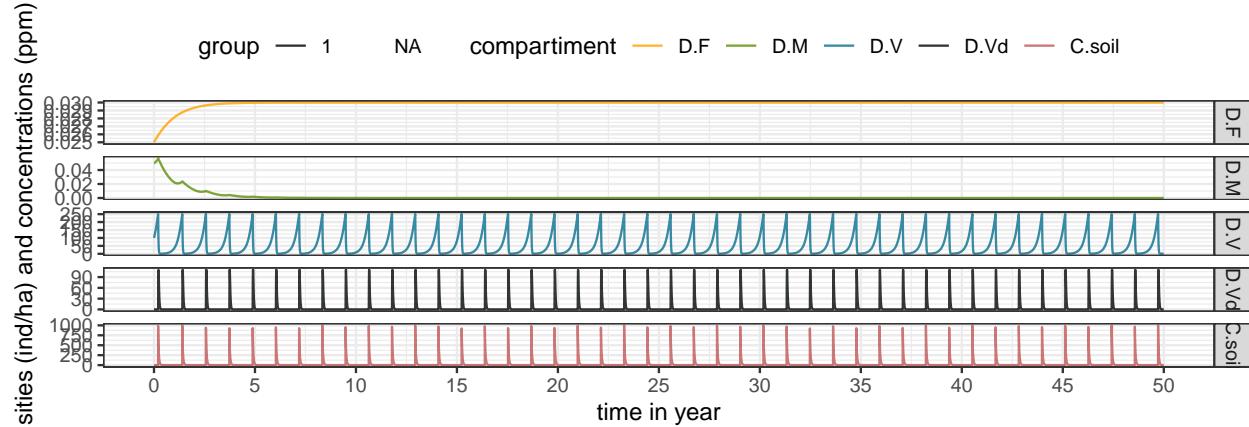
LD50\_V: 3 LD50\_M: 2.5 LD50\_F: 1.5



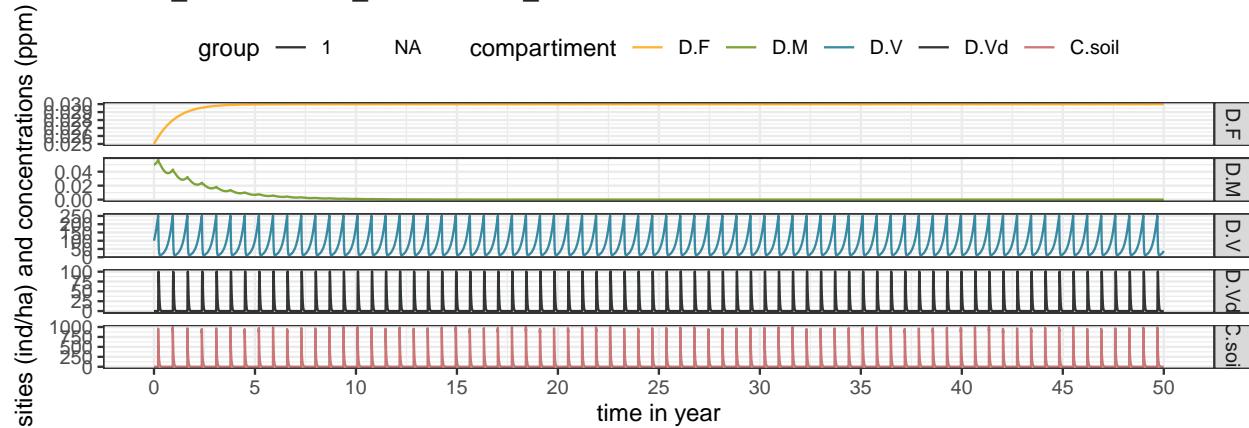
LD50\_V: 7 LD50\_M: 2.5 LD50\_F: 1.5



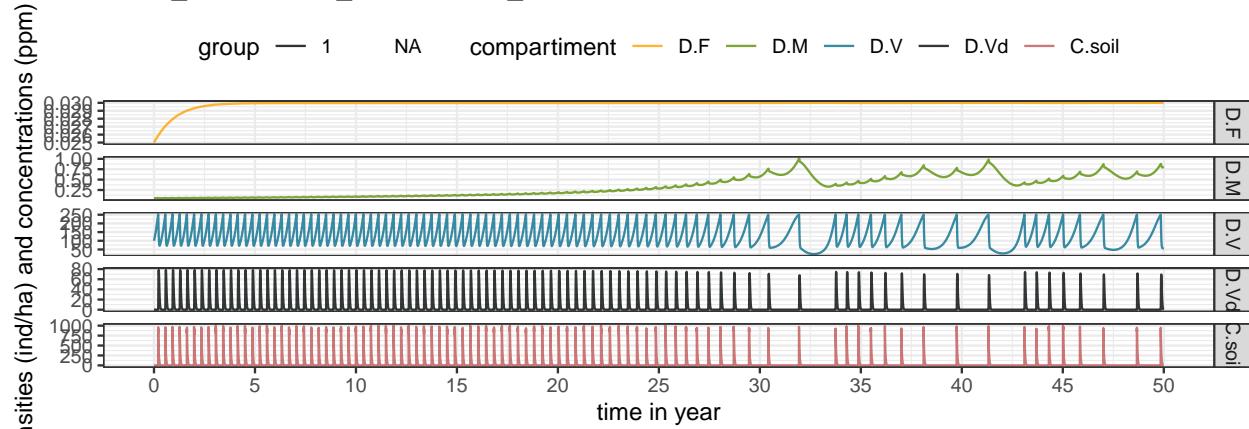
LD50\_V: 1 LD50\_M: 2.5 LD50\_F: 1.5



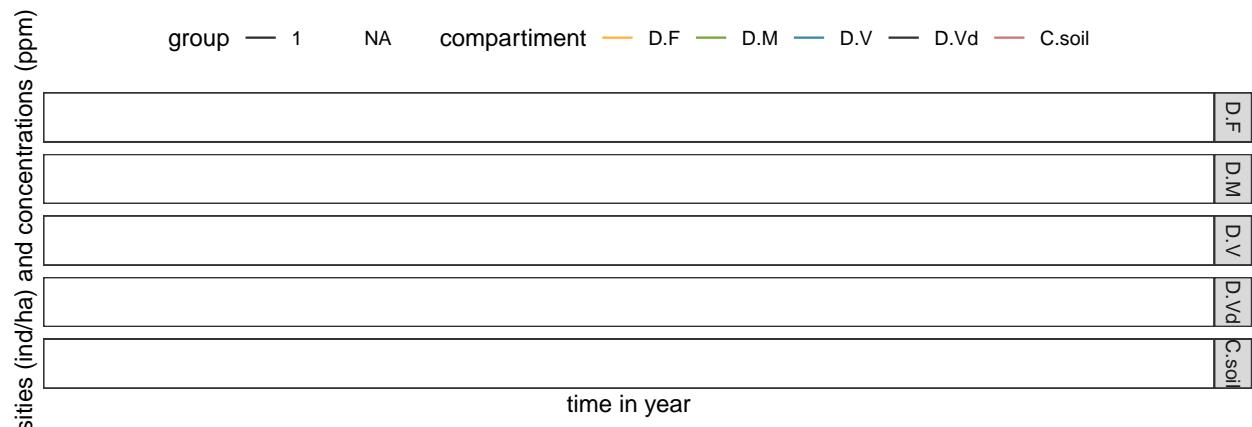
LD50\_V: 1.75 LD50\_M: 2.5 LD50\_F: 1.5



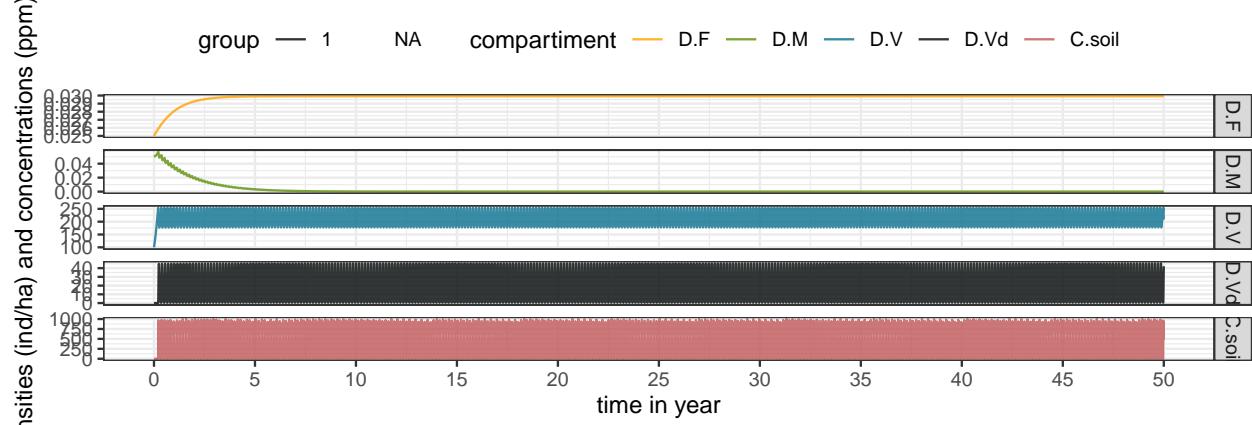
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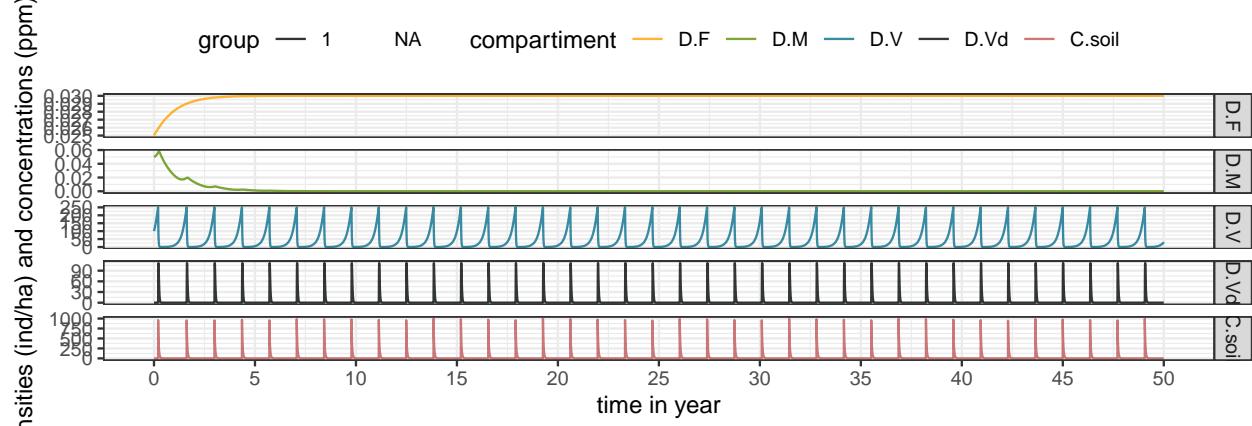
LD50\_V: 4 LD50\_M: 2.5 LD50\_F: 1.5



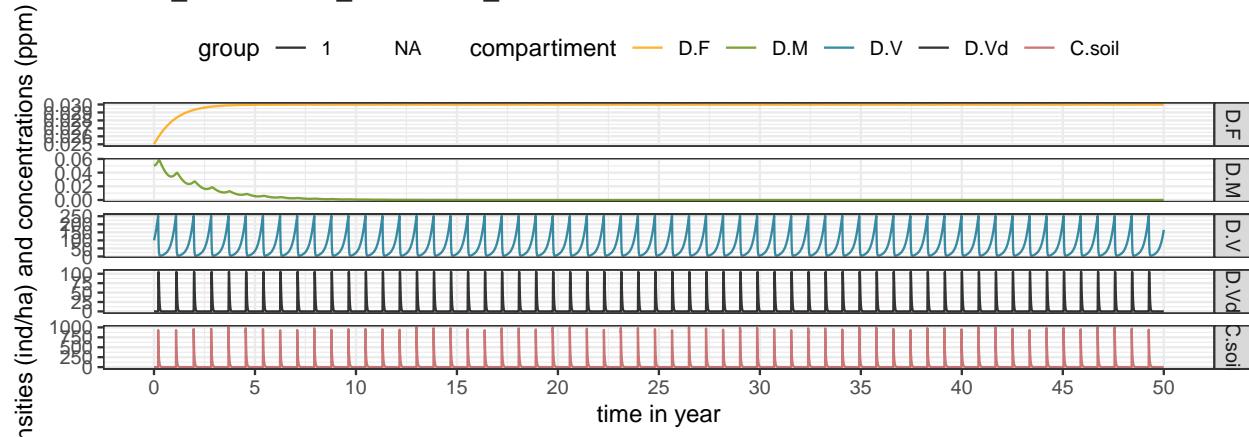
LD50\_V: 3.5 LD50\_M: 2.5 LD50\_F: 1.5



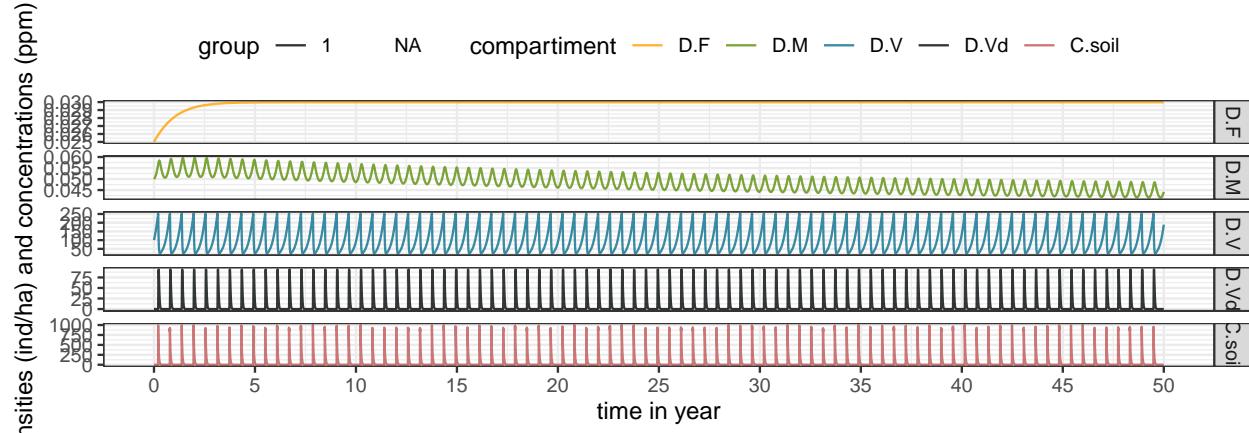
LD50\_V: 0.7 LD50\_M: 7 LD50\_F: 1.5



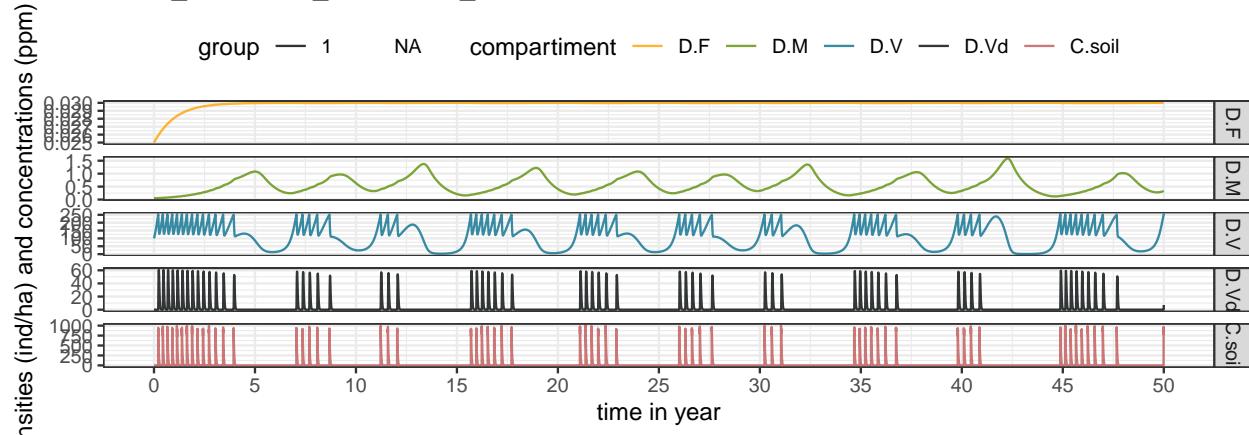
LD50\_V: 1.5 LD50\_M: 7 LD50\_F: 1.5



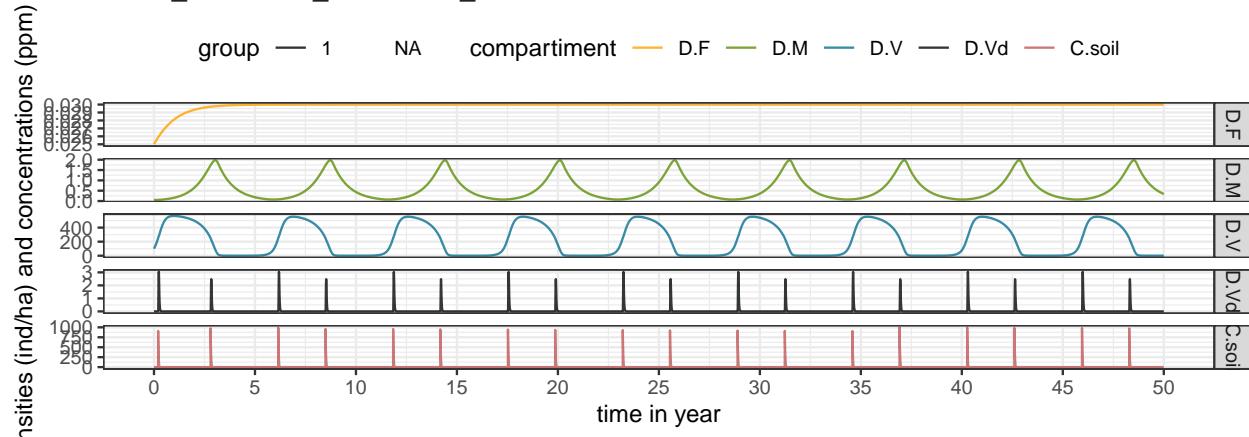
LD50\_V: 2 LD50\_M: 7 LD50\_F: 1.5



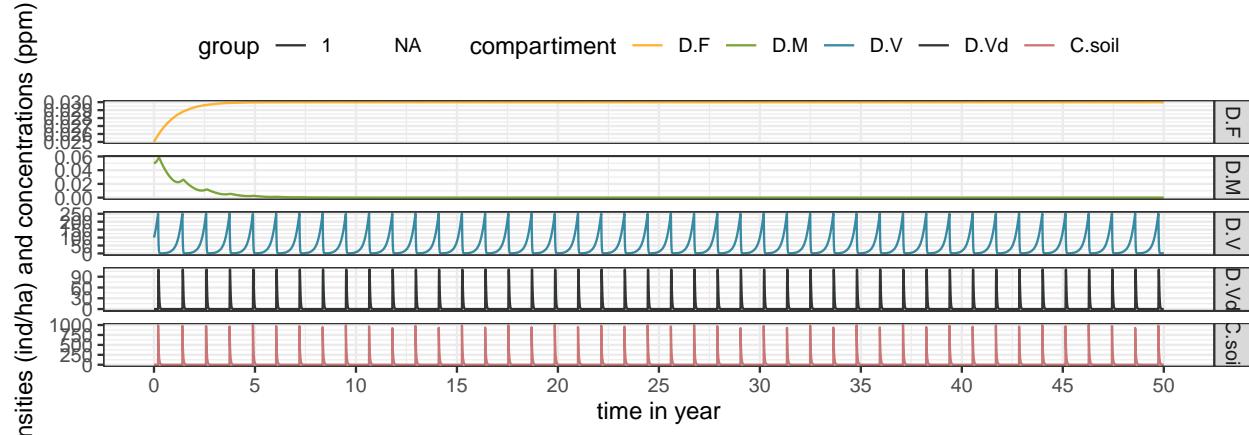
LD50\_V: 3 LD50\_M: 7 LD50\_F: 1.5



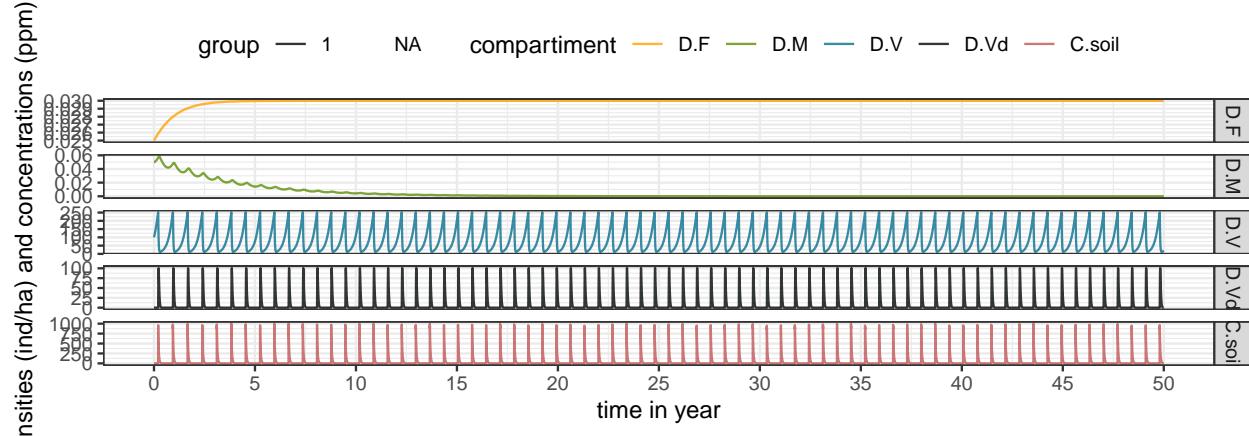
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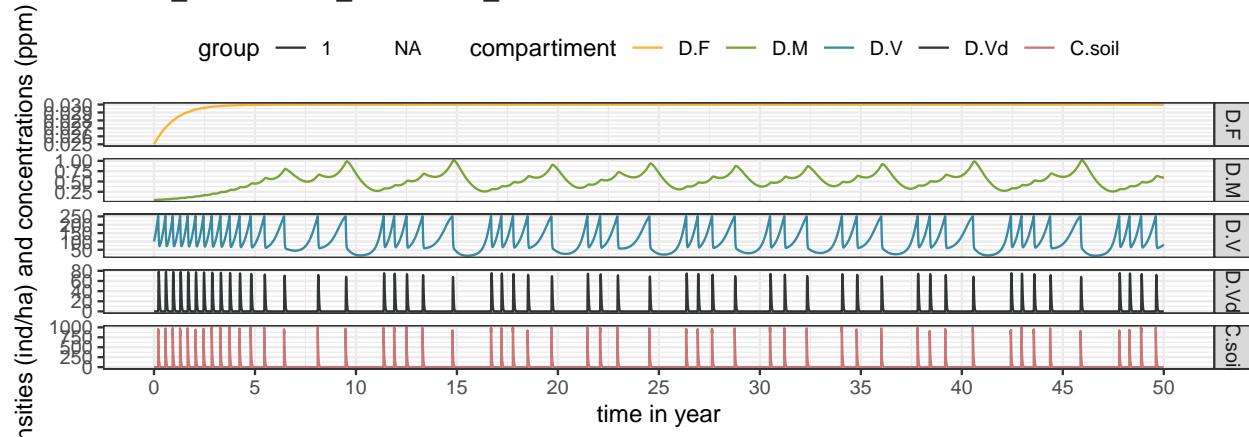
LD50\_V: 1 LD50\_M: 7 LD50\_F: 1.5



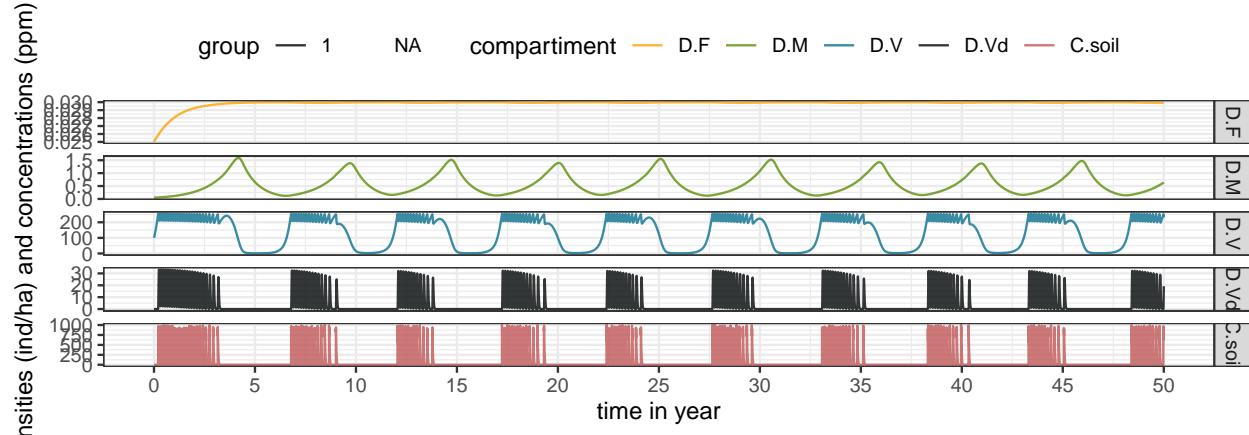
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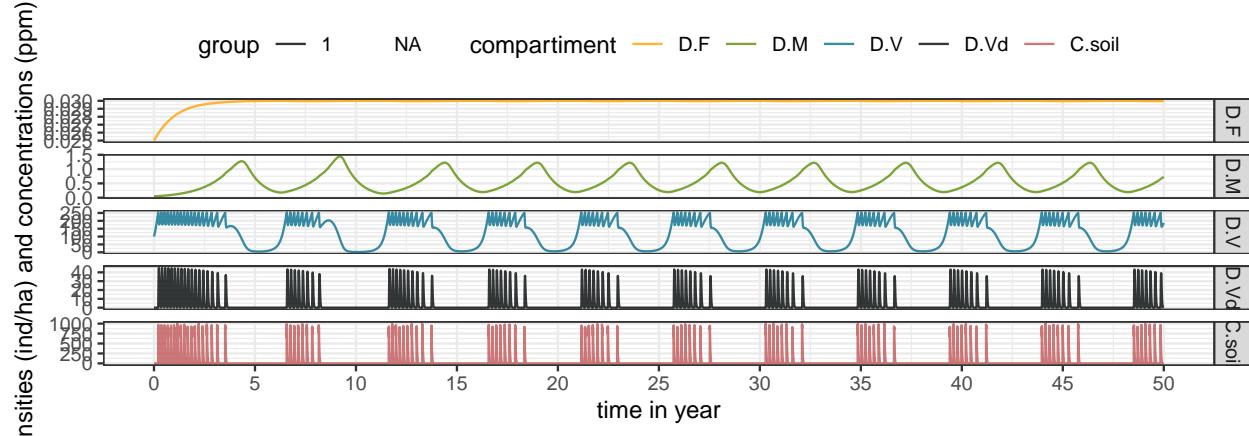
LD50\_V: 2.5 LD50\_M: 7 LD50\_F: 1.5



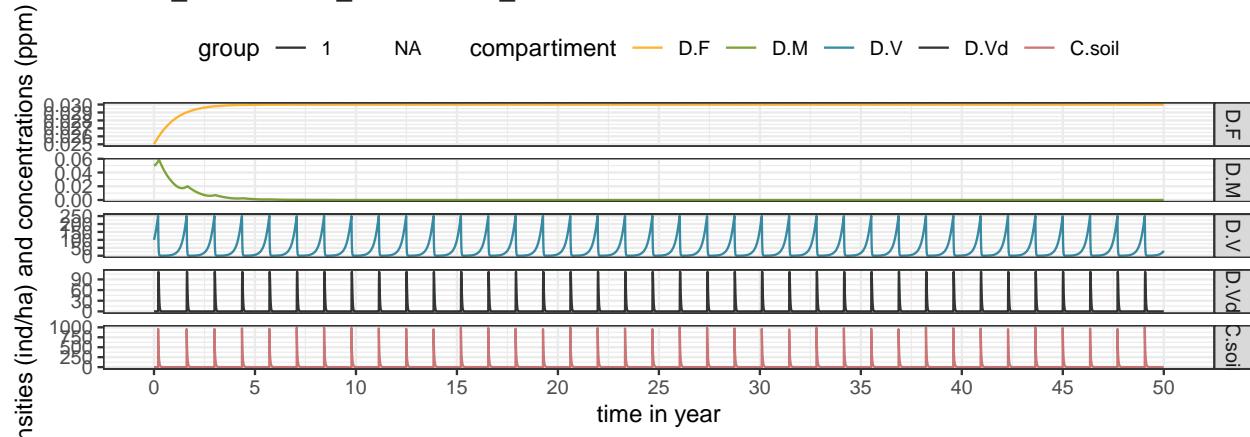
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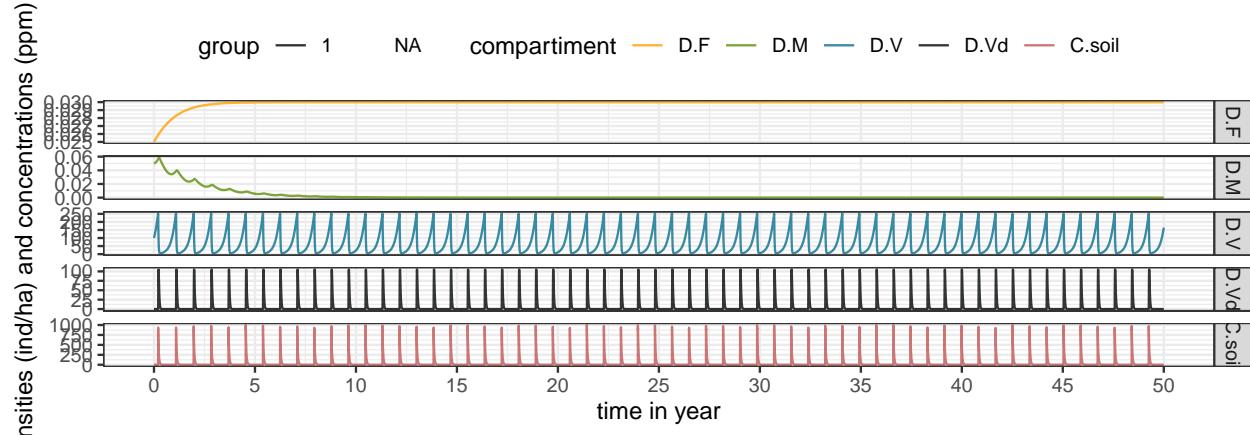
LD50\_V: 3.5 LD50\_M: 7 LD50\_F: 1.5



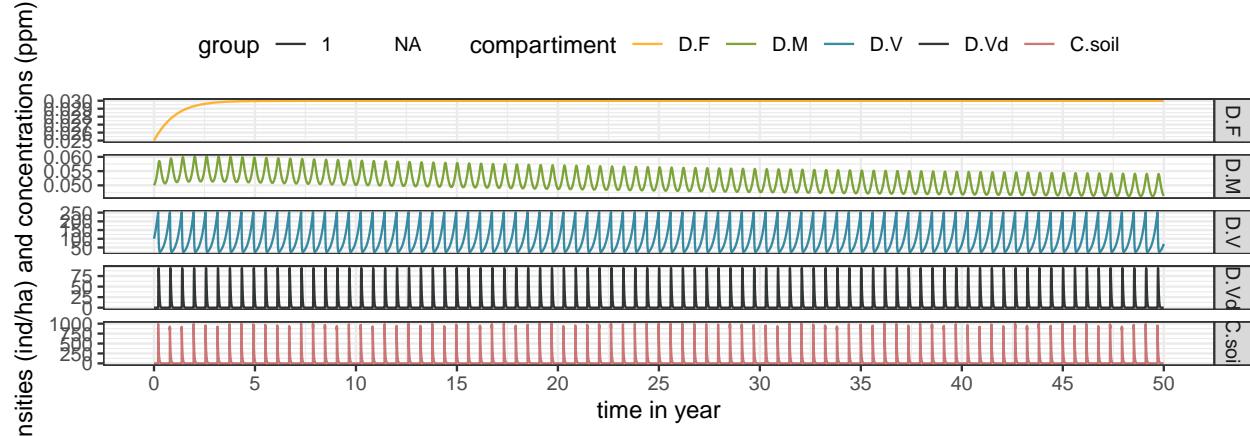
LD50\_V: 0.7 LD50\_M: 25 LD50\_F: 1.5



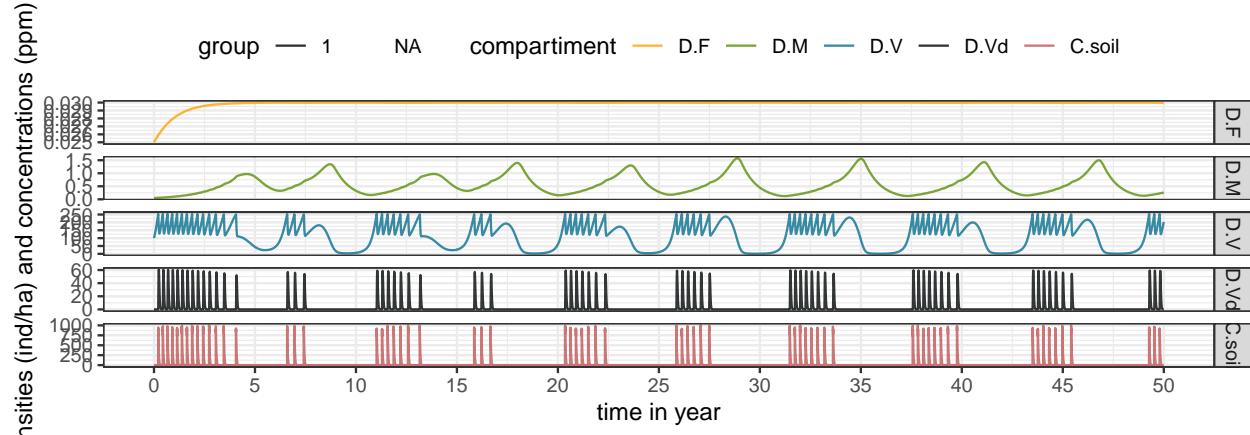
LD50\_V: 1.5 LD50\_M: 25 LD50\_F: 1.5



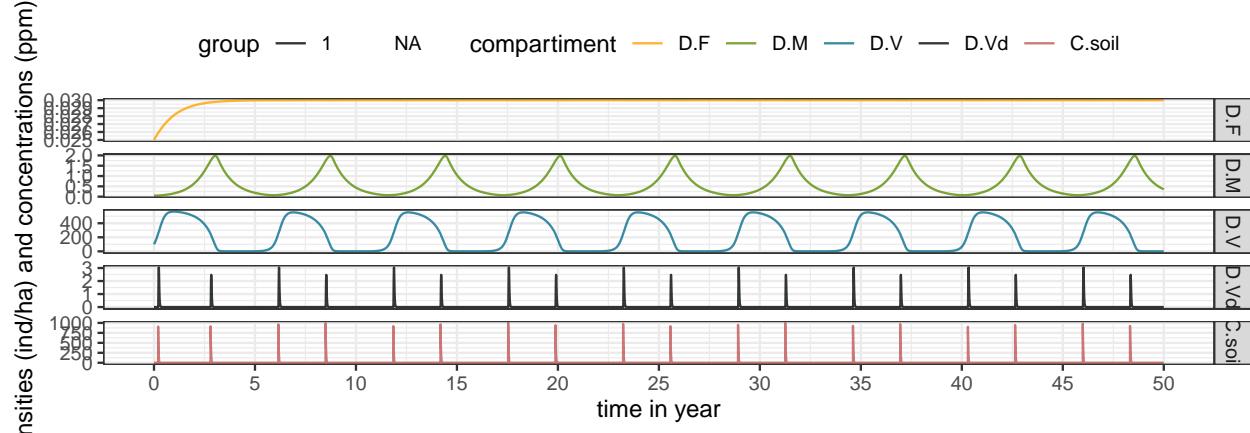
LD50\_V: 2 LD50\_M: 25 LD50\_F: 1.5



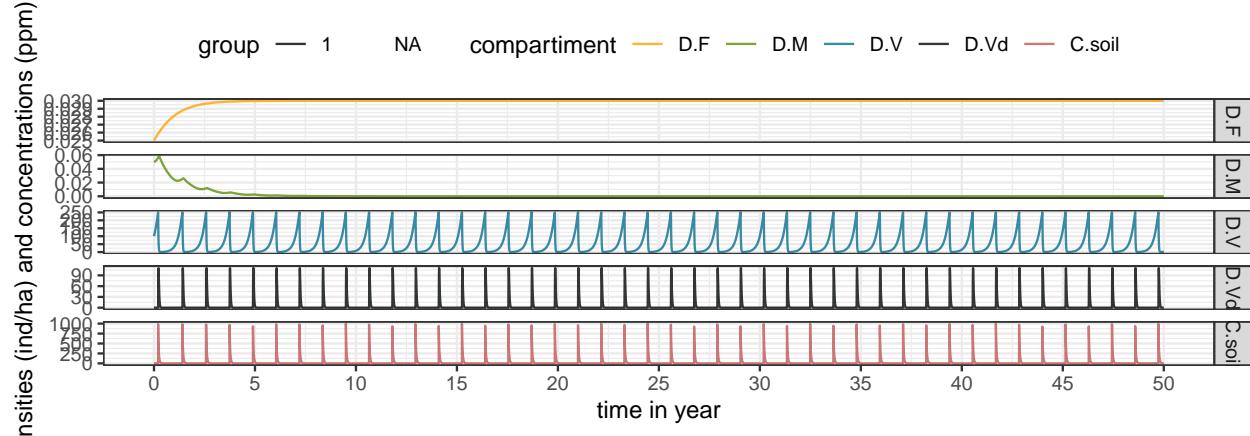
LD50\_V: 3 LD50\_M: 25 LD50\_F: 1.5



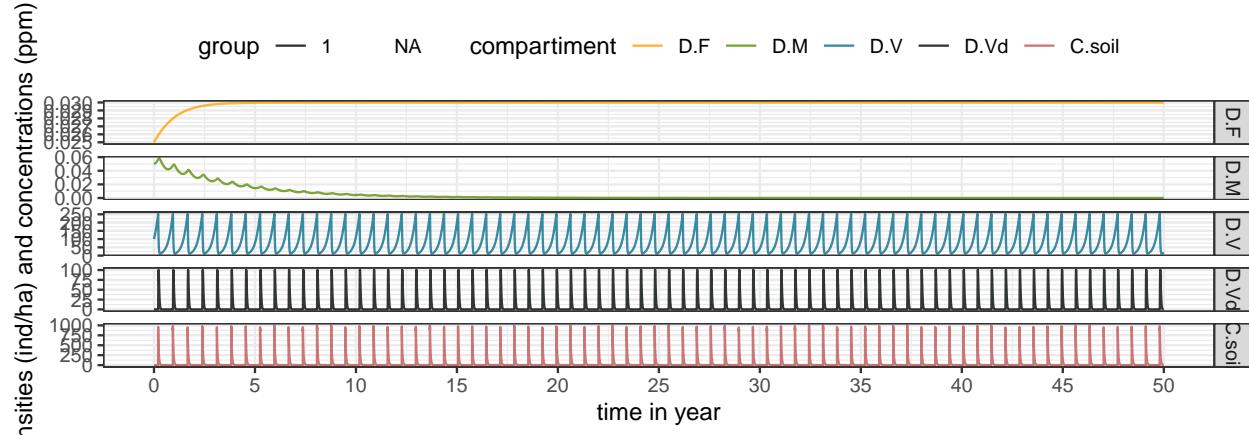
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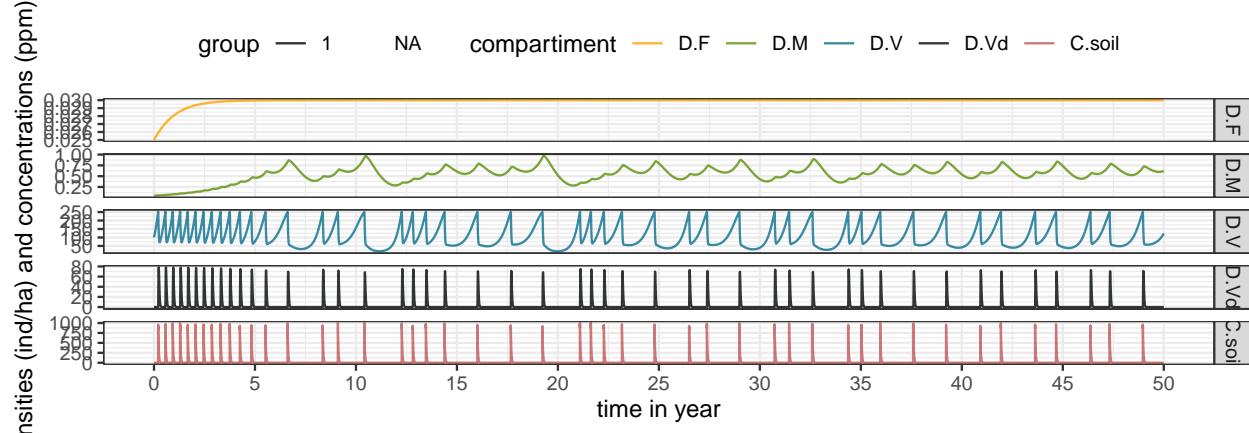
LD50\_V: 1 LD50\_M: 25 LD50\_F: 1.5



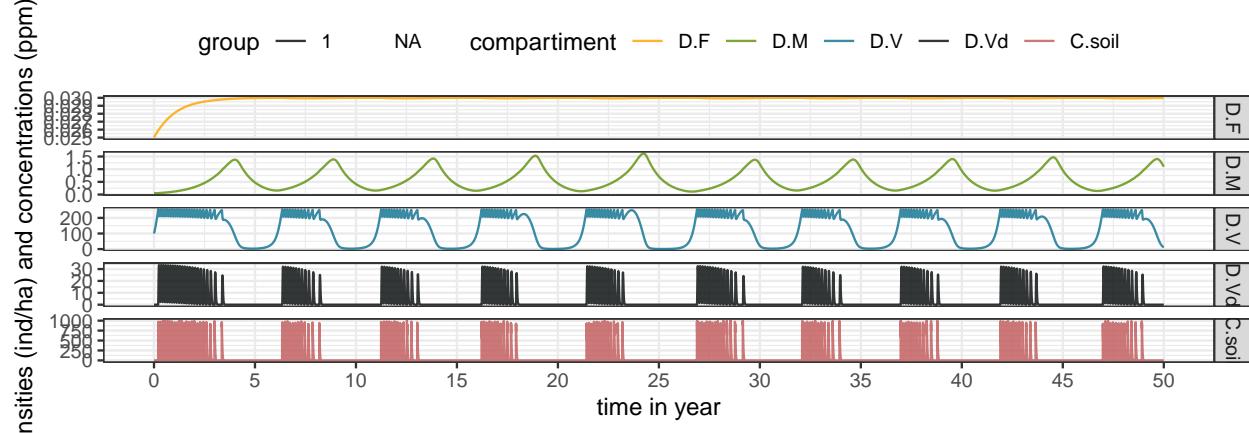
LD50\_V: 1.75 LD50\_M: 25 LD50\_F: 1.5



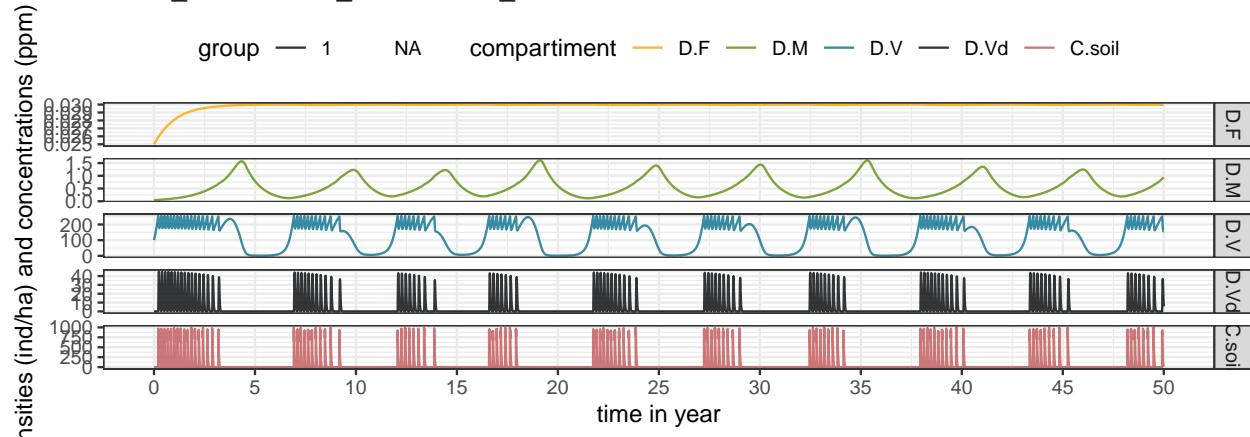
LD50\_V: 2.5 LD50\_M: 25 LD50\_F: 1.5



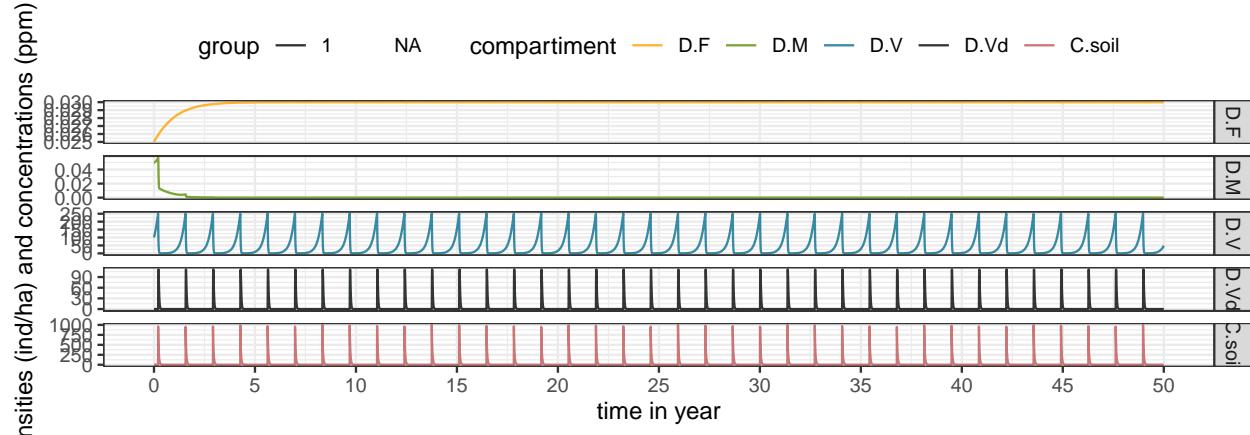
LD50\_V: 4 LD50\_M: 25 LD50\_F: 1.5



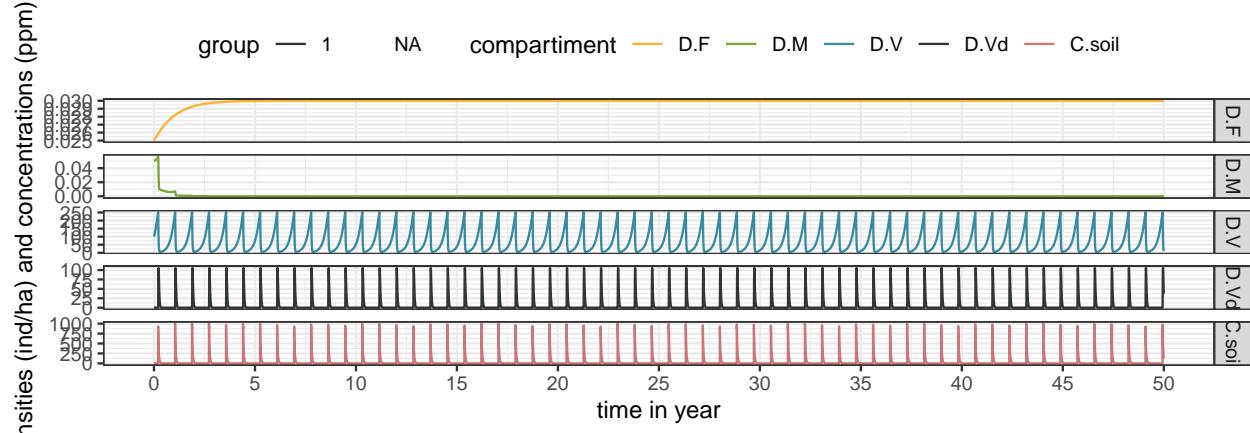
LD50\_V: 3.5 LD50\_M: 25 LD50\_F: 1.5



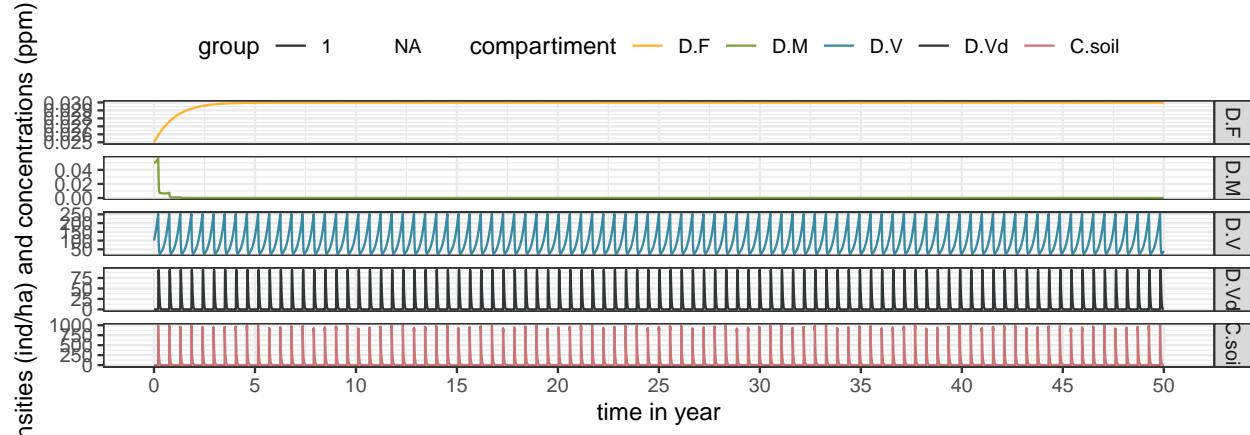
LD50\_V: 0.7 LD50\_M: 1 LD50\_F: 1.5



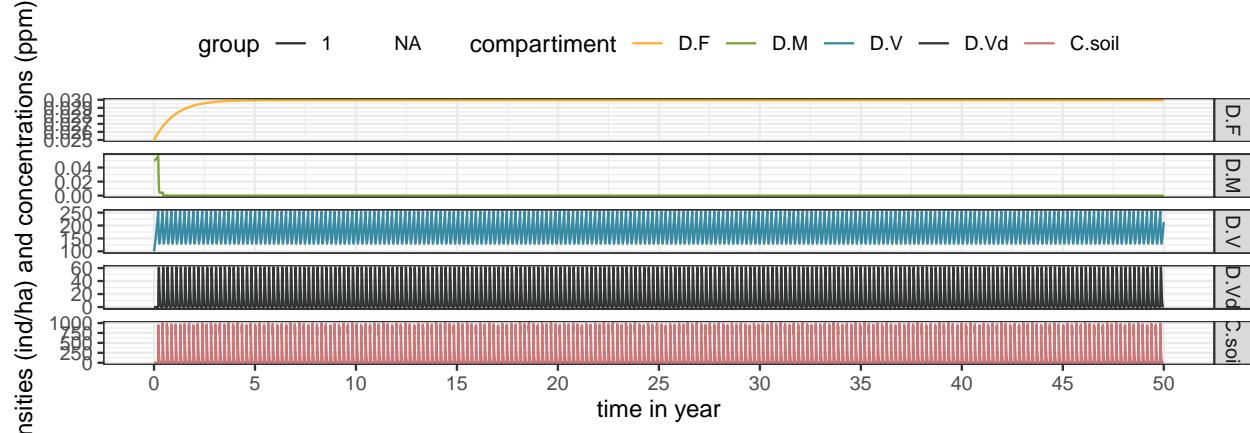
LD50\_V: 1.5 LD50\_M: 1 LD50\_F: 1.5



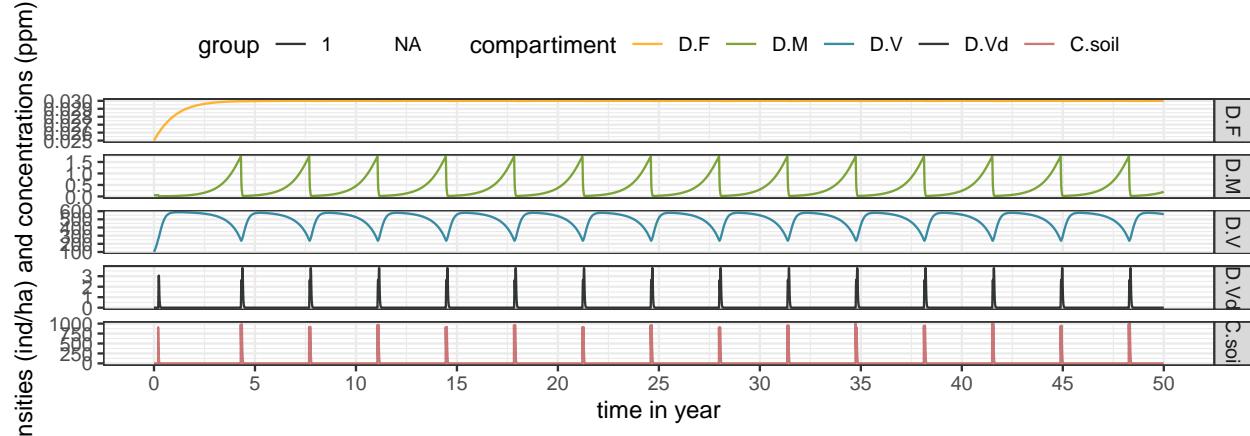
LD50\_V: 2 LD50\_M: 1 LD50\_F: 1.5



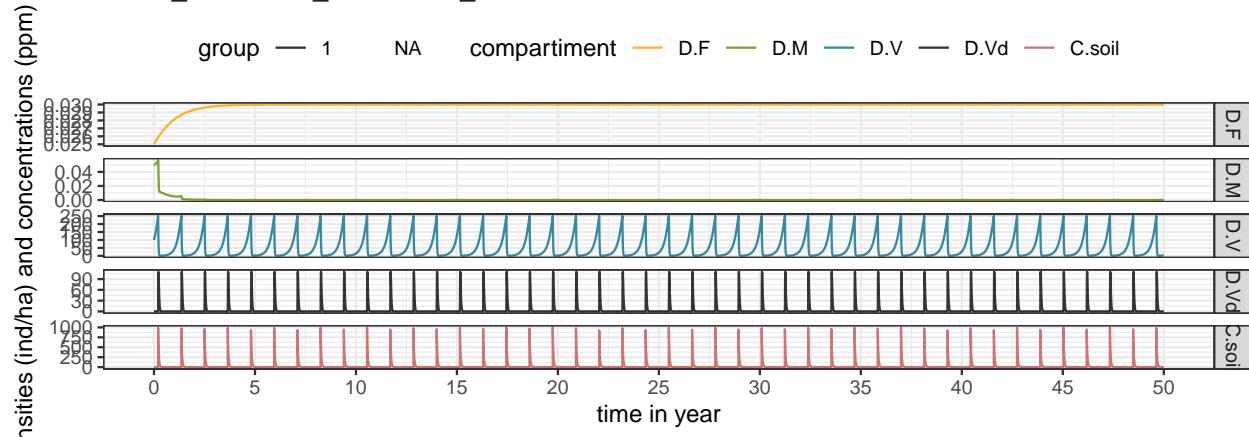
LD50\_V: 3 LD50\_M: 1 LD50\_F: 1.5



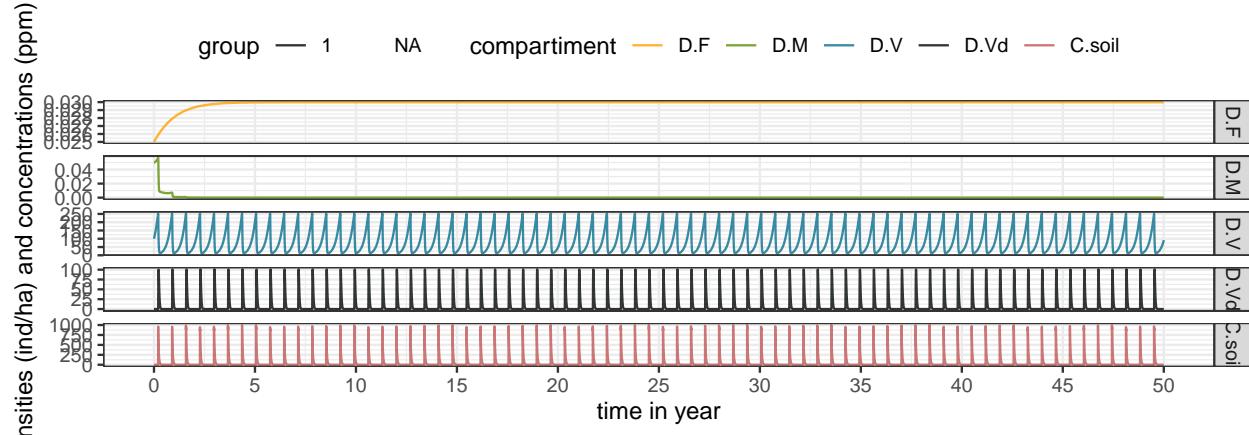
LD50\_V: 7 LD50\_M: 1 LD50\_F: 1.5



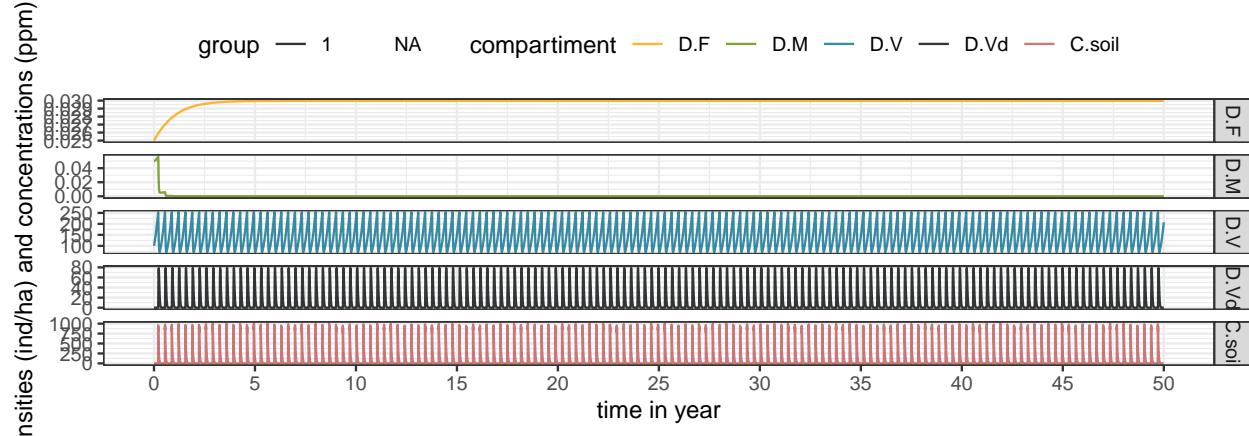
LD50\_V: 1 LD50\_M: 1 LD50\_F: 1.5



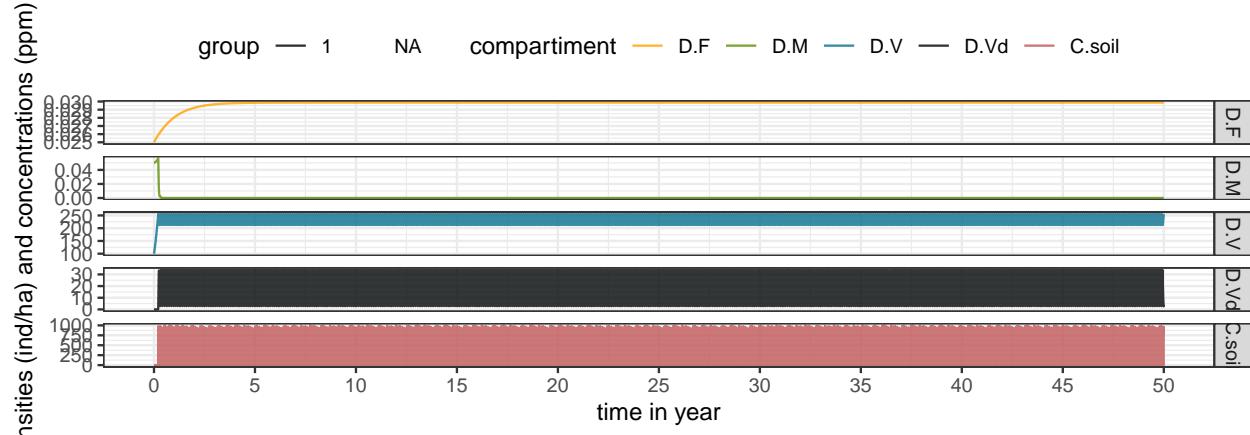
LD50\_V: 1.75 LD50\_M: 1 LD50\_F: 1.5



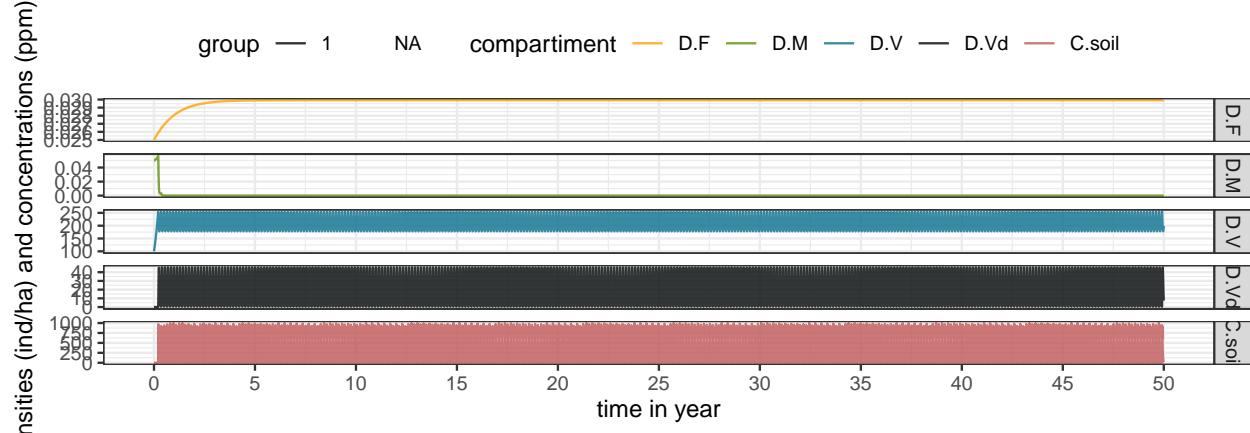
LD50\_V: 2.5 LD50\_M: 1 LD50\_F: 1.5



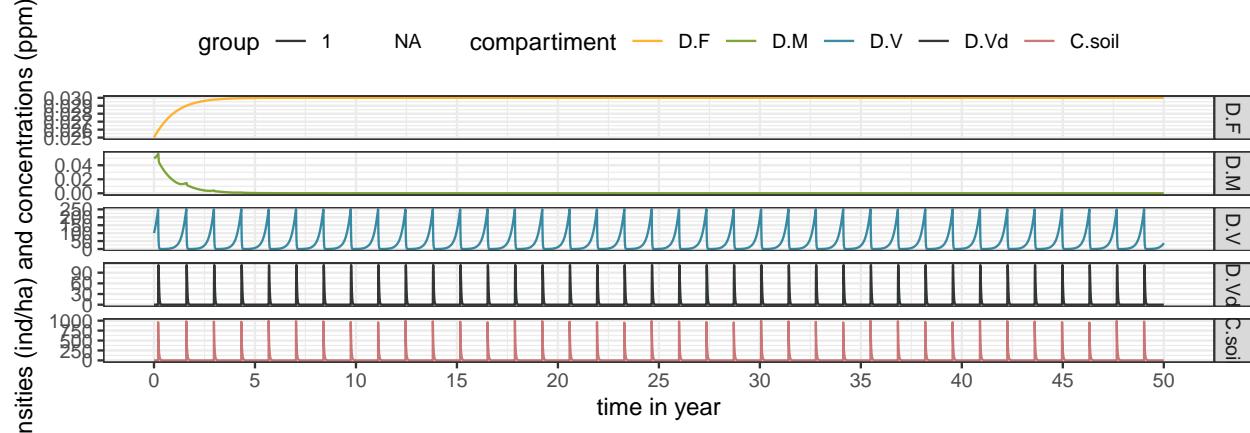
LD50\_V: 4 LD50\_M: 1 LD50\_F: 1.5



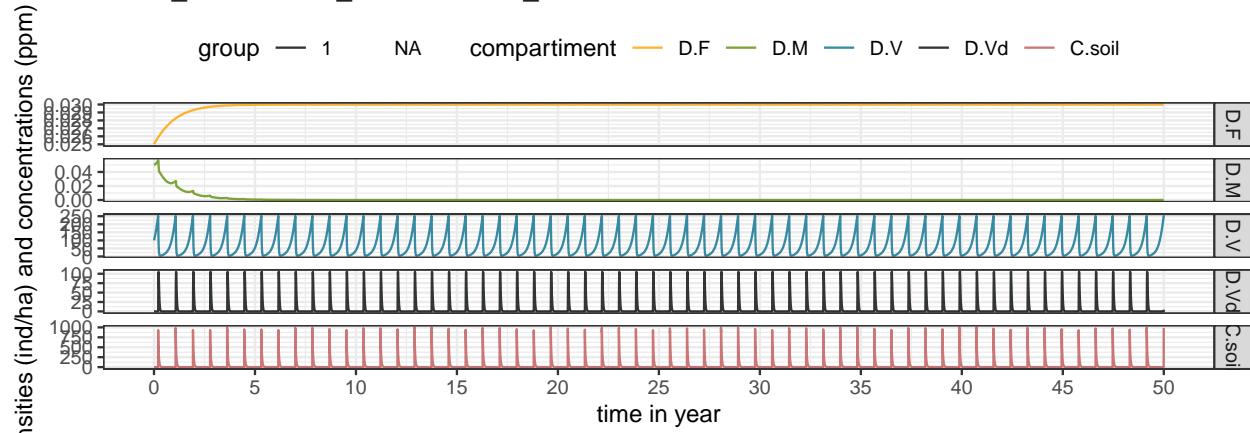
LD50\_V: 3.5 LD50\_M: 1 LD50\_F: 1.5



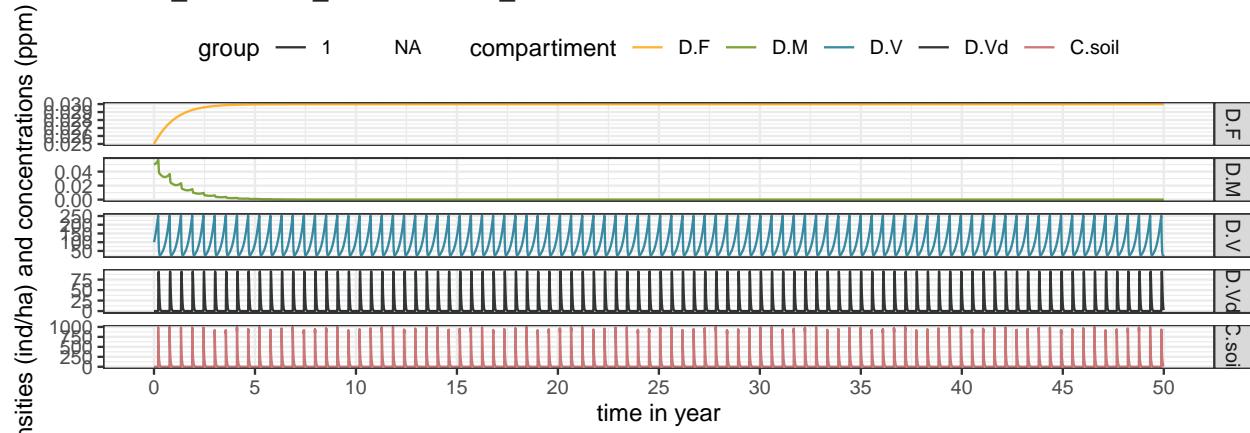
LD50\_V: 0.7 LD50\_M: 1.75 LD50\_F: 1.5



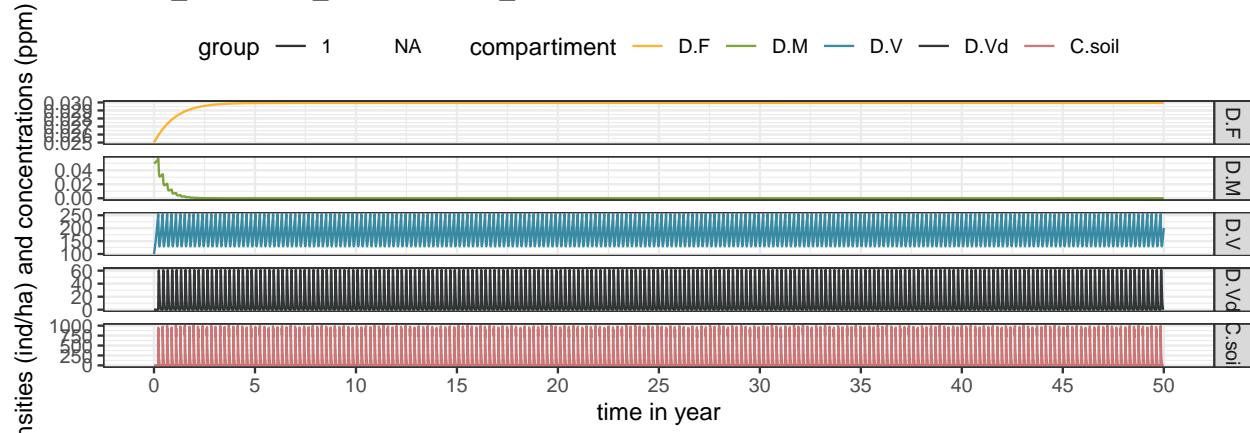
LD50\_V: 1.5 LD50\_M: 1.75 LD50\_F: 1.5



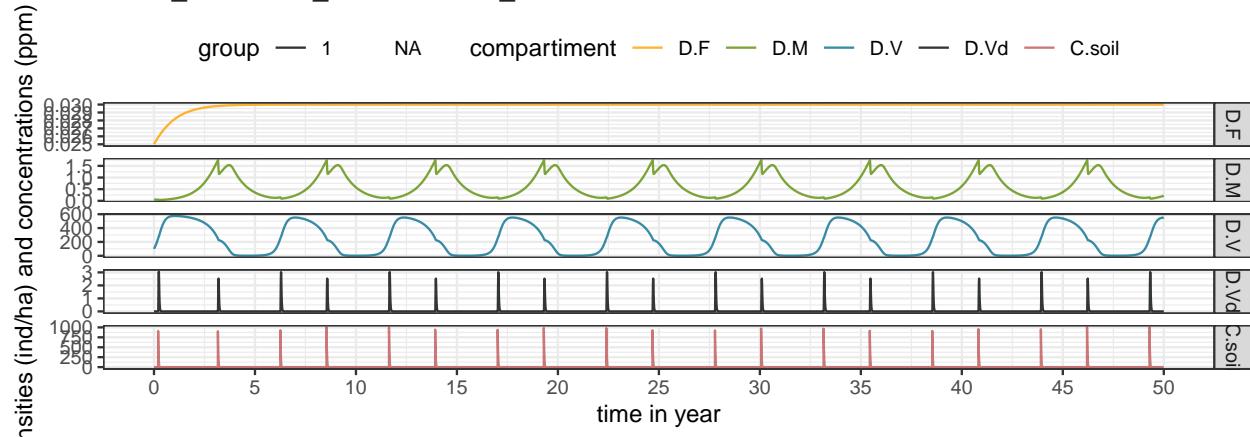
LD50\_V: 2 LD50\_M: 1.75 LD50\_F: 1.5



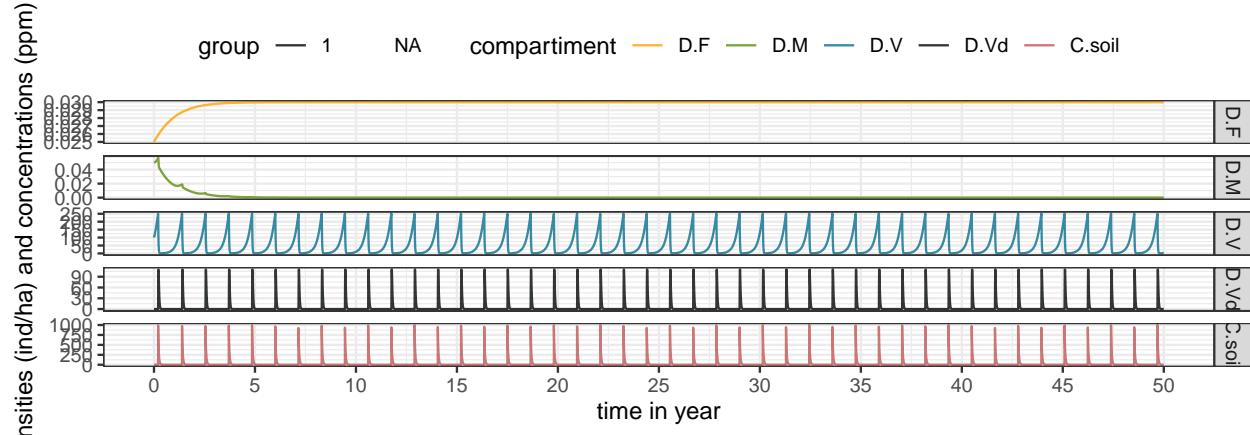
LD50\_V: 3 LD50\_M: 1.75 LD50\_F: 1.5



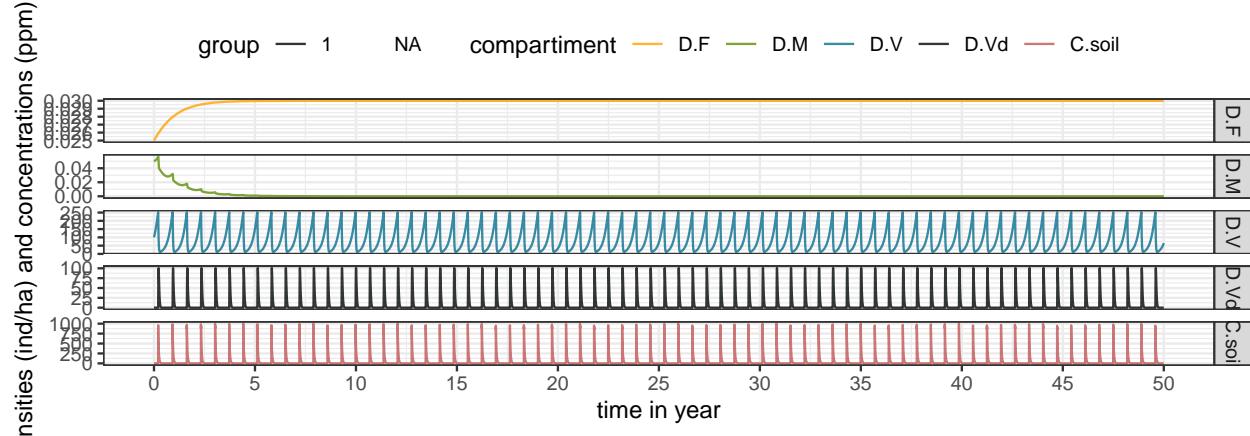
LD50\_V: 7 LD50\_M: 1.75 LD50\_F: 1.5



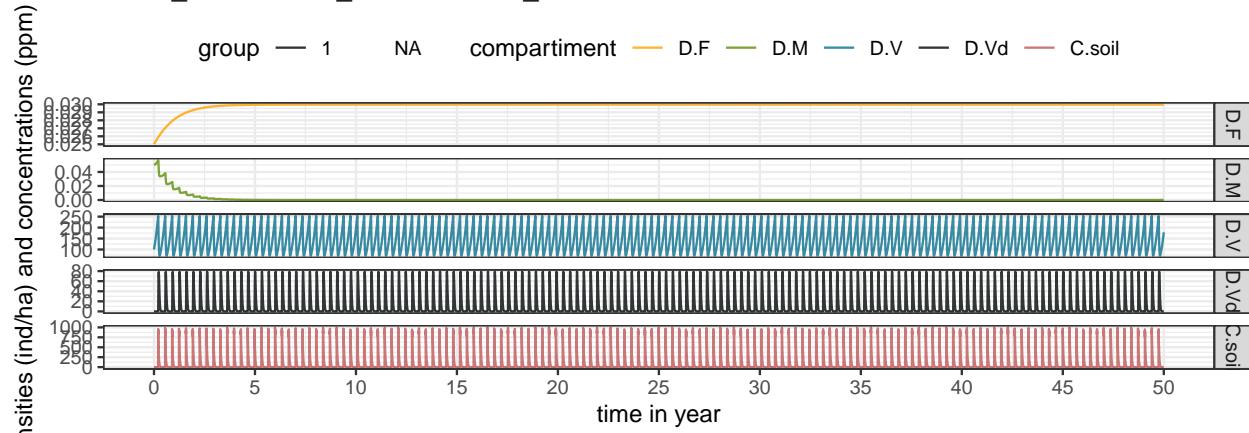
LD50\_V: 1 LD50\_M: 1.75 LD50\_F: 1.5



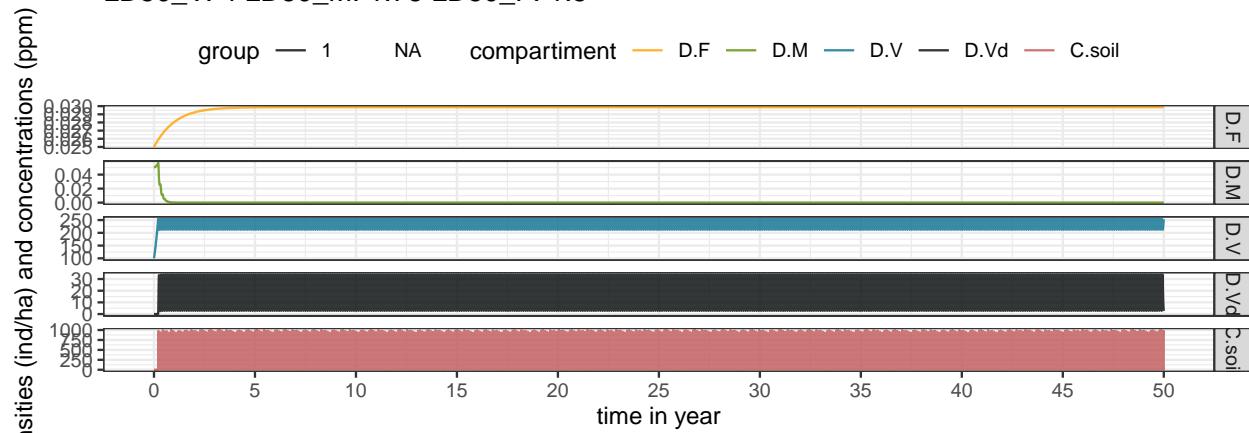
LD50\_V: 1.75 LD50\_M: 1.75 LD50\_F: 1.5



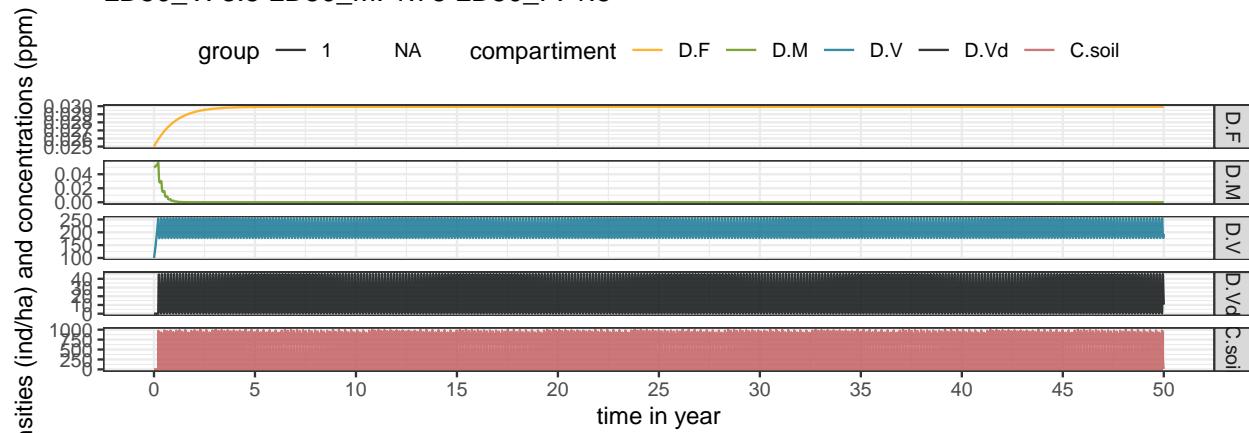
LD50\_V: 2.5 LD50\_M: 1.75 LD50\_F: 1.5



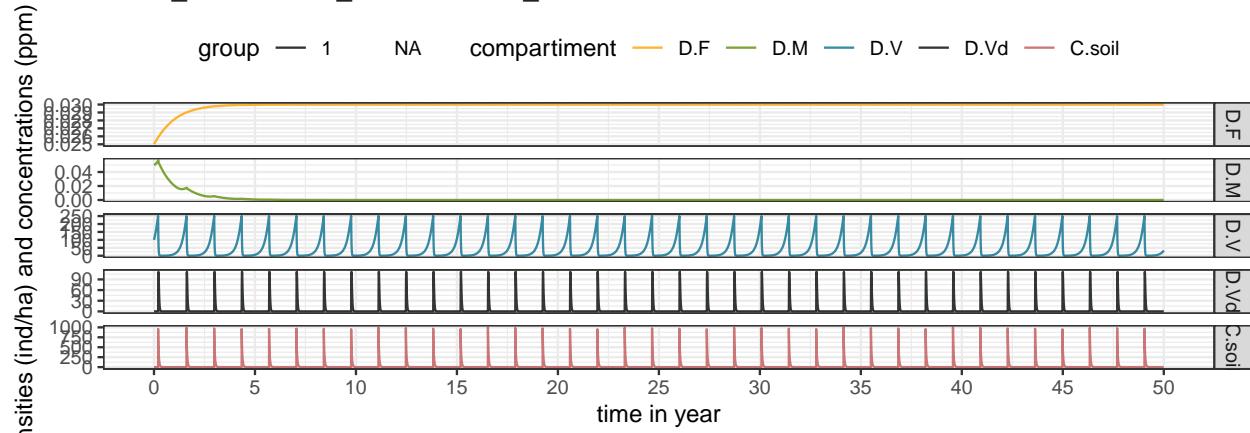
LD50\_V: 4 LD50\_M: 1.75 LD50\_F: 1.5



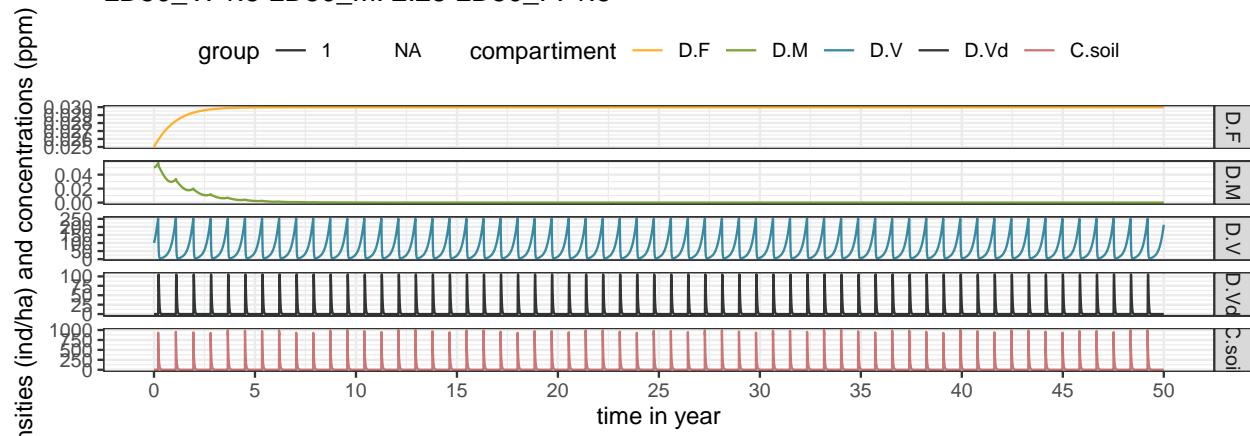
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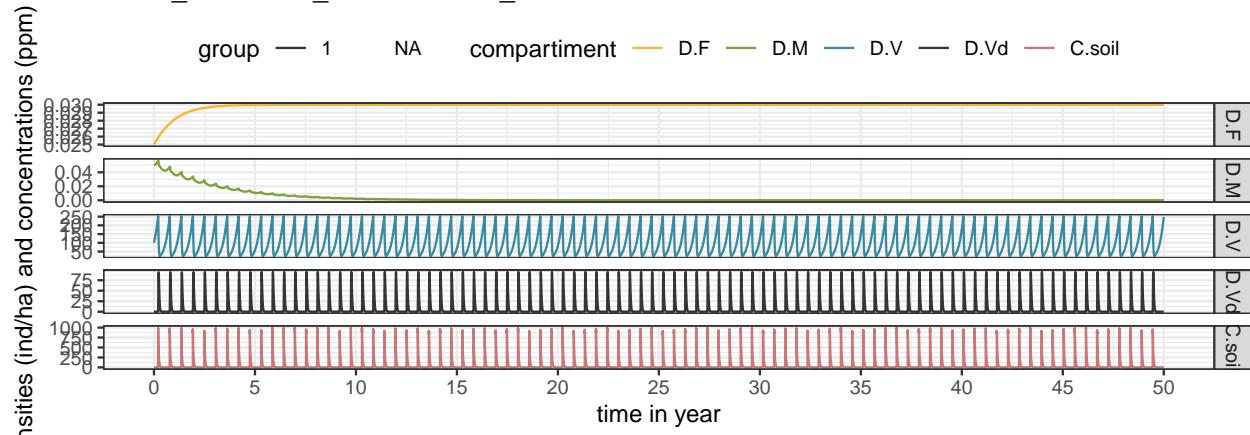
LD50\_V: 0.7 LD50\_M: 2.25 LD50\_F: 1.5



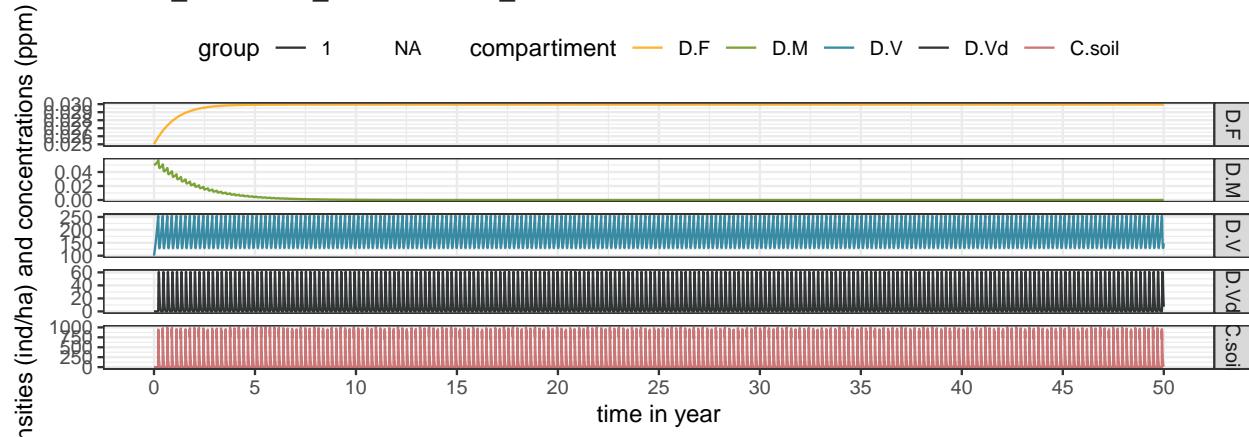
LD50\_V: 1.5 LD50\_M: 2.25 LD50\_F: 1.5



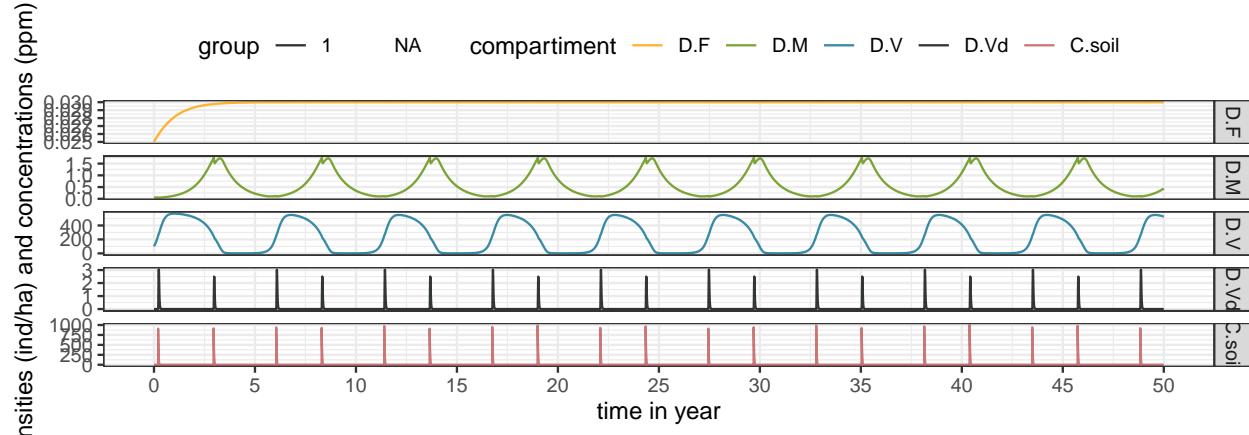
LD50\_V: 2 LD50\_M: 2.25 LD50\_F: 1.5



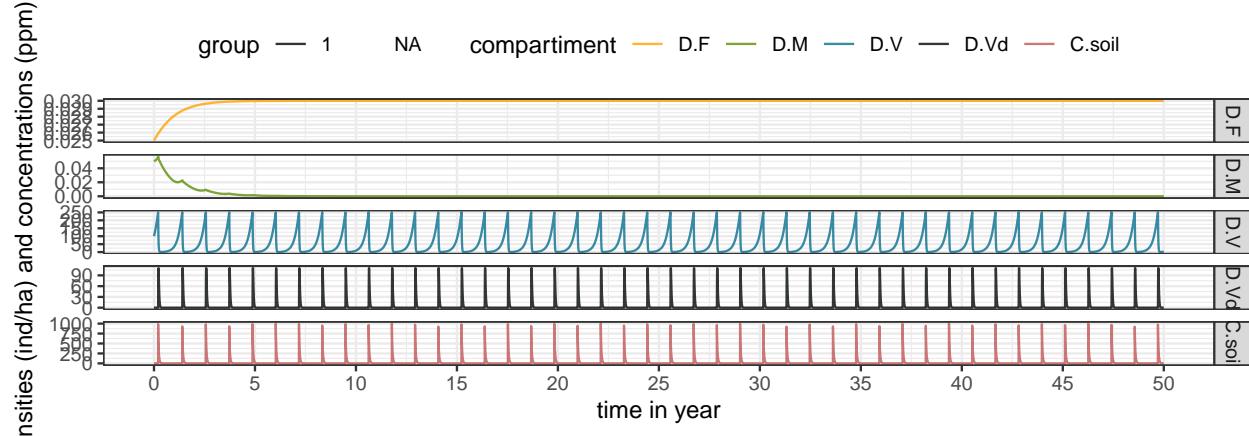
LD50\_V: 3 LD50\_M: 2.25 LD50\_F: 1.5



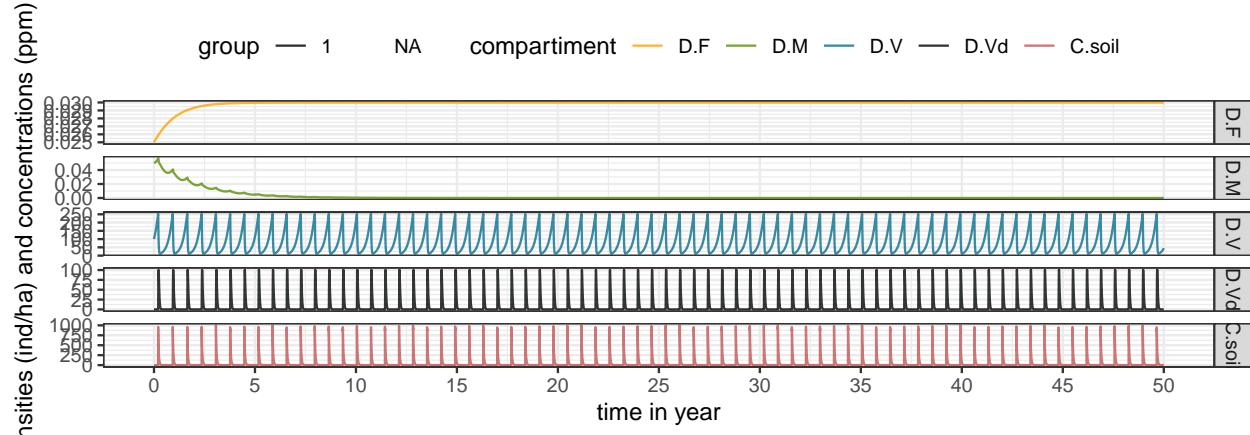
LD50\_V: 7 LD50\_M: 2.25 LD50\_F: 1.5



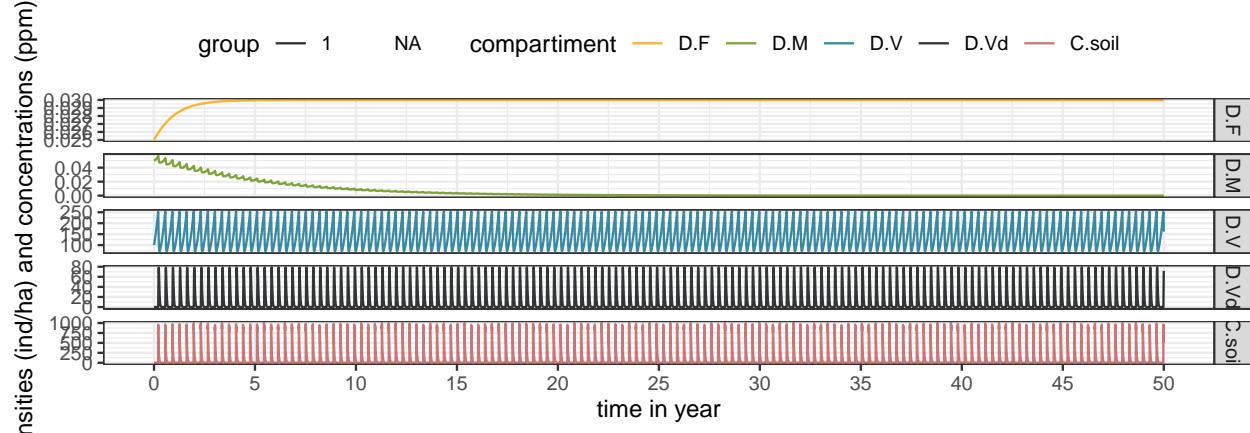
LD50\_V: 1 LD50\_M: 2.25 LD50\_F: 1.5



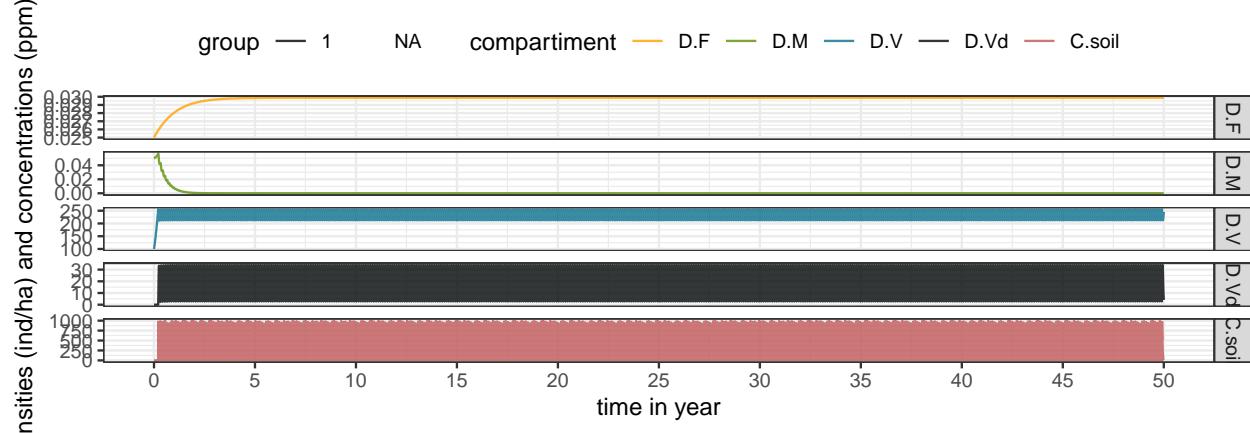
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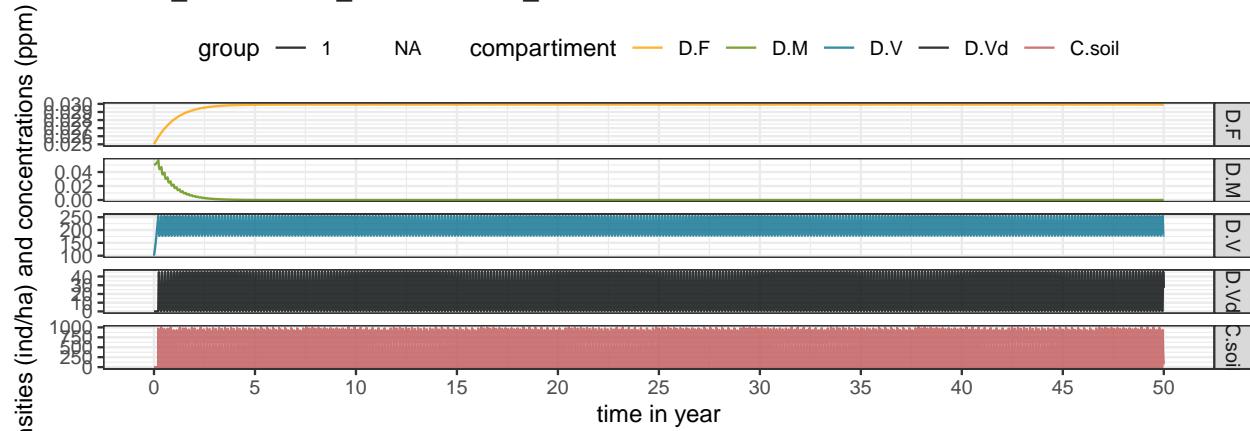
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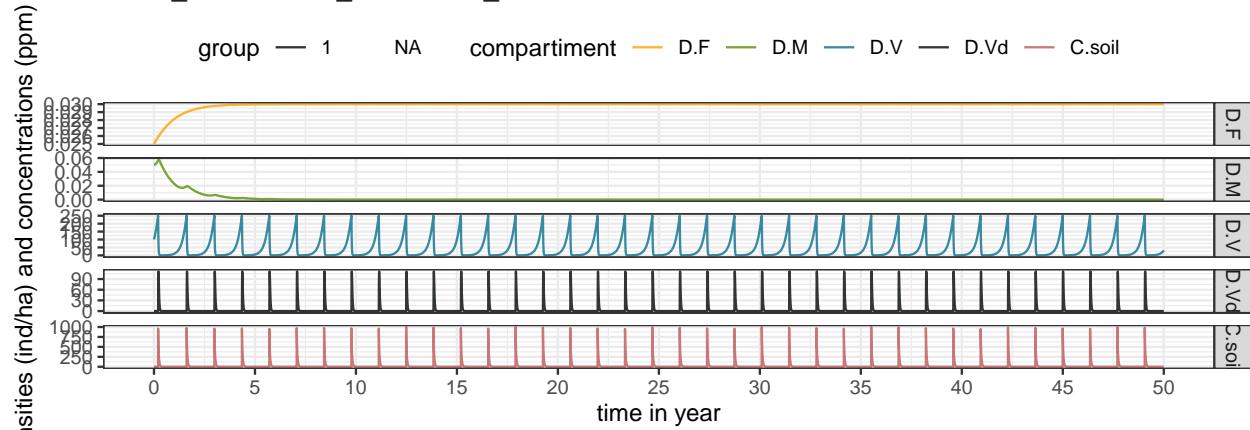
LD50\_V: 4 LD50\_M: 2.25 LD50\_F: 1.5



LD50\_V: 3.5 LD50\_M: 2.25 LD50\_F: 1.5



LD50\_V: 0.7 LD50\_M: 4 LD50\_F: 1.5



LD50\_V: 1.5 LD50\_M: 4 LD50\_F: 1.5

