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| Features\_Fruits and Nuts | Coefficients (RandomForest)\_Fruits and Nuts |
| Summer <= 0.00 | -3.0831416031134524 |
| 0.17 < Yield(tonnes/ha)-1 <= 0.28 | -2.0107802506447987 |
| Herbicides – Urea derivates <= 0.51 | 1.67351979156307 |
| Herbicides – Phenoxy hormone products <= 0.52 | 1.4124757116882385 |
| Autumn <= 0.00 | 1.1730289521121755 |
| Fung & Bact – Other-3 <= 0.50 | -1.0681250949598609 |
| Insecticides – Other <= 0.39 | 1.0107454173043273 |
| Fung & Bact – Dithiocarbamates-2 <= 0.51 | -0.9928926618425049 |
| Herbicides – Sulfonyl ureas-1 <= 0.50 | 0.8577471918403002 |
| Nutrient nitrogen N (total) - tonnes-1 <= 0.51 | 0.8061532942572348 |

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| Features\_Vegetables and Legumes | Coefficients (RandomForest)\_Vegetables and Legumes |
| Summer > 0.00 | 97.62644930145214 |
| Yield(tonnes/ha)-1 > 0.38 | 6.529038565941961 |
| 0.04 < Yield(tonnes/ha)-2 <= 0.21 | 5.958293584626643 |
| Insecticides – Pyrethroids-1 <= 0.50 | 4.594312885460007 |
| Herbicides – Phenoxy hormone products-3 <= 0.52 | 4.0716544638053085 |
| Insecticides – Organo-phosphates-2 <= 0.51 | -3.537369714850132 |
| Fung & Bact – Triazoles, diazoles <= 0.50 | 3.464571796385152 |
| Fall <= 0.00 | -2.9390037448817776 |
| Herbicides – Triazines-3 <= 0.49 | -2.749004996941038 |
| Spring <= 0.00 | -2.5943114228749007 |

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| Features\_Cereals | Coefficients (RandomForest)\_Cereals |
| Summer <= 0.00 | -1.985550927767673 |
| 0.55 < Yield(tonnes/ha)-1 <= 0.65 | 1.0083507829410652 |
| Spring <= 0.00 | 0.27357510433008597 |
| Herbicides – Amides-1 <= 0.48 | -0.26281283864877303 |
| 0.55 < Yield(tonnes/ha)-2 <= 0.65 | 0.25488463488078744 |
| 0.00 < Autumn <= 1.00 | 0.21523868344579708 |
| Herbicides – Bipiridils-2 <= 0.51 | 0.2026165451020294 |
| Insecticides – Other-3 <= 0.30 | 0.1768694199699473 |
| Fung & Bact – Triazoles, diazoles-1 <= 0.50 | -0.17621378044263514 |
| Insecticides – Botanical products and biologicals-1 <= 0.50 | 0.1674862220606736 |

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| Features\_Industrial\_crops | Coefficients (RandomForest)\_Industrial\_crops |
| Yield(tonnes/ha)-1 <= 0.35 | 0.6058288270783374 |
| Spring <= 0.00 | -0.23392154399980591 |
| Year-Round <= 0.00 | -0.1631235180904992 |
| Insecticides – Organo-phosphates-2 <= 0.52 | -0.06476974766612438 |
| Fung & Bact – Triazoles, diazoles <= 0.50 | 0.06005608660635006 |
| Insecticides – Pyrethroids-3 > 0.50 | -0.05767895161262289 |
| Herbicides – Bipiridils <= 0.51 | 0.0530824256926979 |
| Herbicides – Carbamates-1 <= 0.51 | 0.05220505164332886 |
| Rodenticides – Other-3 > 0.50 | -0.05189215052686504 |
| Herbicides – Urea derivates-1 <= 0.52 | -0.04381203914289027 |