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| Features\_Fruits and Nuts | Coefficients (RandomForest)\_Fruits and Nuts |
| Yield(tonnes/ha)-1 <= 0.17 | 6.831516854812032 |
| 0.00 < Summer <= 1.00 | 2.8823163540188945 |
| Herbicides – Urea derivates <= 0.51 | 1.430159497237278 |
| Yield(tonnes/ha)-3 <= 0.17 | 1.1509949900197662 |
| Yield(tonnes/ha)-2 <= 0.17 | -1.118159229105849 |
| Fall <= 0.00 | 0.9311315739543995 |
| Herbicides – Phenoxy hormone products <= 0.52 | 0.7515448452369742 |
| Nutrient potash K2O (total) - tonnes-3 <= 0.51 | 0.6604920316776391 |
| Herbicides – Sulfonyl ureas-3 <= 0.50 | 0.6451041042669675 |
| Fung & Bact – Inorganics <= 0.50 | -0.6423968998813778 |

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| Features\_Vegetables and Legumes | Coefficients (RandomForest)\_Vegetables and Legumes |
| Summer <= 0.00 | -99.3084814899372 |
| Yield(tonnes/ha)-1 > 0.38 | 7.675992607770571 |
| Yield(tonnes/ha)-3 <= 0.04 | 5.572528990673004 |
| 0.04 < Yield(tonnes/ha)-2 <= 0.21 | 5.384635990111322 |
| Autumn > 0.00 | 5.367492756325122 |
| Herbicides – Phenoxy hormone products-1 <= 0.52 | 3.6626236324996637 |
| Insecticides – Other-1 <= 0.43 | 3.4352898690123332 |
| Fung & Bact – Benzimidazoles-1 <= 0.51 | -3.356030449529954 |
| Fung & Bact – Benzimidazoles-2 <= 0.51 | 3.332764715770496 |
| Herbicides – Urea derivates-2 <= 0.51 | -3.3305329860028277 |

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| Features\_Cereals | Coefficients (RandomForest)\_Cereals |
| Summer <= 0.00 | -1.7677380997906127 |
| 0.55 < Yield(tonnes/ha)-1 <= 0.65 | 1.044387335304145 |
| Herbicides – Phenoxy hormone products <= 0.53 | 0.30992680281986135 |
| 0.00 < Autumn <= 1.00 | 0.281295235264027 |
| 0.55 < Yield(tonnes/ha)-2 <= 0.65 | 0.2557565261868607 |
| Spring <= 0.00 | 0.23422631753830878 |
| Insecticides – Botanical products and biologicals <= 0.50 | 0.20779372203324067 |
| Fung & Bact – Triazoles, diazoles <= 0.50 | 0.19275690915921945 |
| Herbicides – Carbamates-3 <= 0.51 | -0.19099585409473 |
| Nutrient potash K2O (total) - tonnes-1 <= 0.52 | 0.1514950542885009 |

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| Features\_Industrial\_crops | Coefficients (RandomForest)\_Industrial\_crops |
| Yield(tonnes/ha)-1 <= 0.35 | 0.6216530372184655 |
| 0.00 < Spring <= 1.00 | 0.22966255968413915 |
| Year-round <= 0.00 | -0.18005328918354768 |
| Herbicides – Phenoxy hormone products-3 <= 0.53 | -0.10625465036622644 |
| Nutrient potash K2O (total) - tonnes <= 0.52 | -0.09402814492163145 |
| Insecticides – Pyrethroids-3 <= 0.50 | 0.07025233279321659 |
| Fung & Bact – Triazoles, diazoles-3 <= 0.50 | -0.06861107617075002 |
| Herbicides – Urea derivates <= 0.52 | -0.062043764044734835 |
| Fung & Bact – Dithiocarbamates-3 <= 0.51 | -0.06109549135791841 |
| Nutrient nitrogen N (total) - tonnes-3 <= 0.51 | -0.05977134101174364 |