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| Features\_Fruits and Nuts | Coefficients (RandomForest)\_Fruits and Nuts |
| Yield(tonnes/ha)-1 <= 0.11 | 5.430247393325747 |
| Herbicides – Urea derivates <= 0.49 | 2.7209414616486756 |
| Herbicides – Phenoxy hormone products <= 0.54 | 2.7196225074708504 |
| Yield(tonnes/ha)-2 <= 0.11 | -0.6264672037143257 |
| Fung & Bact – Diazines, morpholines-1 <= 0.59 | 0.5988328979868663 |
| Herbicides – Phenoxy hormone products-2 <= 0.54 | 0.581693897675951 |
| Nutrient phosphate P2O5 (total) - tonnes-3 <= 0.70 | -0.5706903413209143 |
| Nutrient potash K2O (total) - tonnes-3 <= 0.64 | 0.5368657233515786 |
| Nutrient nitrogen N (total) - tonnes <= 0.54 | 0.5321775116916965 |
| Fung & Bact – Inorganics <= 0.62 | -0.3984441737844093 |

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| Features\_Vegetables and Legumes | Coefficients (RandomForest)\_Vegetables and Legumes |
| Yield(tonnes/ha)-1 > 0.16 | 51.56346166162298 |
| 0.02 < Yield(tonnes/ha)-2 <= 0.09 | 13.91388241835022 |
| Mineral Oils-3 <= 0.63 | -8.095147232294815 |
| Herbicides – Urea derivates-3 <= 0.49 | 7.0147300642003385 |
| Fung & Bact – Diazines, morpholines-1 <= 0.59 | 6.916252488523952 |
| Nutrient phosphate P2O5 (total) - tonnes-1 <= 0.70 | -6.689525856659666 |
| Yield(tonnes/ha)-3 <= 0.02 | -6.665593941872403 |
| Insecticides – Pyrethroids <= 0.49 | 5.780274836300109 |
| Herbicides – Triazines-2 <= 0.43 | 5.511946741759537 |
| Herbicides – Phenoxy hormone products-3 <= 0.54 | -4.986035055569974 |

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| Features\_Cereals | Coefficients (RandomForest)\_Cereals |
| 0.60 < Yield(tonnes/ha)-1 <= 0.67 | 1.2685621953485053 |
| Herbicides – Other-1 <= 0.65 | -0.7199948026549723 |
| Herbicides – Urea derivates-1 <= 0.49 | 0.3173305751789884 |
| Fung & Bact – Inorganics-1 <= 0.62 | -0.2632318373245627 |
| 0.60 < Yield(tonnes/ha)-2 <= 0.67 | 0.2361191576945477 |
| Herbicides – Triazines <= 0.43 | -0.19464014086437018 |
| Herbicides – Amides <= 0.38 | 0.18488447150743598 |
| Herbicides – Other-2 <= 0.65 | 0.1826838253537638 |
| Herbicides – Bipiridils-1 <= 0.55 | -0.178510061796969 |
| Herbicides – Urea derivates-2 <= 0.49 | 0.16127151138824447 |

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| Features\_Industrial\_crops | Coefficients (RandomForest)\_Industrial\_crops |
| Yield(tonnes/ha)-1 <= 0.35 | 0.5666679348293595 |
| Fung & Bact – Triazoles, diazoles-3 <= 0.59 | 0.09499473956357159 |
| Rodenticides – Other-1 <= 0.58 | 0.07512288063844898 |
| Fung & Bact – Dithiocarbamates-2 <= 0.45 | 0.06369244034090213 |
| Herbicides – Amides-3 <= 0.38 | 0.05681399399519908 |
| Fung & Bact – Inorganics-1 <= 0.62 | -0.05542069892186476 |
| Mineral Oils-1 <= 0.63 | -0.053837164976047874 |
| Herbicides – Bipiridils-1 <= 0.55 | -0.0533388638957633 |
| Insecticides – Pyrethroids-1 <= 0.49 | -0.05307471262385749 |
| Herbicides – Phenoxy hormone products-1 <= 0.54 | -0.04333628435526487 |