

Plant to soil concentration ratios

| | Alfalfa, Clover, Sorghum | Grasses | Wheat, Oat, Barley | Corn, Rice | Cabbage, Lettuce, Spinach | Radish, Carrot, Turnip, Beet | Potato, Sweet Potato | Bean, Pea, Soybean | Tomatoes, Cucumbers, Apples |
|--------------------------|--------------------------------|----------|-----------------------|---------------|---------------------------------|------------------------------------|-------------------------|-----------------------|-----------------------------------|
| Manganese-54 | | 0.53 | 0.35 | | 0.72 | 0.08 | 0.14 | 0.24 | 0.046 |
| Cobalt-60 | | 0.04 | 0.029 | 0.01 | 0.08 | 0.045 | 0.046 | | |
| Strontium-90 | 3.1 | 1.25 | 0.22 | 0.027 | 2.2 | 1.8 | 0.47 | 1.8 | 0.24 |
| Zirconium- Niobium-95 | 0.13 | 0.058 | | | 0.0072 | 0.018 | | 0.00014 | 0.00054 |
| Ruthenium-106 | 0.27 | 0.26 | 0.01 | 0.00098 | 0.056 | 0.058 | 0.015 | 0.038 | 0.012 |
| Iodine-129 | 1.84 | 0.25 | | | | 0.03 | 0.03 | | |
| Cesium-137 | 0.093 | 0.048 | 0.019 | 0.0078 | 0.022 | 0.037 | 0.032 | 0.061 | 0.026 |
| Cerium-144 | 0.072 | 0.023 | 0.00106 | 0.00081 | 0.036 | 0.044 | 0.0067 | 0.033 | 0.0028 |
| Uranium-238 | 0.00039 | 0.005 | 0.00016 | | | 0.0003 | 0.0009 | 0.001 | 0.0017 |
| Neptunium-237 | | 0.026 | 0.00051 | | | | | 0.0046 | |
| Plutonium-239 | 0.00023 | 0.000092 | 0.0000015 | | 0.000175 | 0.00037 | 0.0014 | 0.0000081 | |
| Americium-241 | 0.0017 | 0.0021 | 0.000028 | | | | | 0.000064 | |
| Curium-244 | 0.0023 | 0.00032 | 0.0000062 | | | | | 0.000084 | |