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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.5.2 토양 환경 질 표준**반 포 : 국가환경보호국코드번호 : GB 15618-1995반포일자 : 1995-07-13시행일자 : 1996-03-01 《중화인민공화국 환경보호법》에 의거 토양오염의 방지, 생태환경의 보호, 농림업의 생산보장, 인체건강을 위하여 본 표준을 제정한다. 본 표준은 토양에 대한 응용기법에 의한 토양의 주요 성질과 보호목적을 위하여 토양 중 오염물의 최고 허용치와 검사방법에 대한 내용을 정하였다. 본 표준의 적용범위는 농지, 채소재배지, 차재배지, 과수원, 목장, 자연보호구 등 토양에 해당한다.**■ 토양 환경 질 표준치**(단위 : mg/kg)

|  |  |  |  |
| --- | --- | --- | --- |
| **급별****토양(pH)****항목** | **1급** | **2급** | **3급** |
| **자연조건** | **＜6.5** | **6.5~7.5** | **＞7.5** | **＞6.5** |
| 카드뮴 ≤ | 0.20 | 0.30 | 0.30 | 0.60 | 1.0 |
| 수은 ≤ | 0.15 | 0.30 | 0.50 | 1.0 | 1.5 |
| 비소(습지농토) ≤ | 15 | 30 | 25 | 20 | 30 |
| 비소(건조지) ≤ | 15 | 40 | 30 | 25 | 40 |
| 구리(밭 등 농지) ≤ | 35 | 50 | 100 | 100 | 400 |
| 구리(과수원) ≤ | - | 150 | 200 | 200 | 400 |
| 납 ≤ | 35 | 250 | 300 | 350 | 500 |
| 크롬(습지농토) ≤ | 90 | 250 | 300 | 350 | 400 |
| 크롬(건조지) ≤ | 90 | 150 | 200 | 250 | 300 |
| 아연 ≤ | 100 | 200 | 250 | 300 | 500 |
| 니켈 ≤ | 40 | 40 | 50 | 50 | 200 |
| 비에이치시(BHC ) ≤ | 0.05 | 0.50 | 1.0 |
| 디디티(DDT) ≤ | 0.05 | 0.50 | 1.0 |

**[설명]**(1) 1급 표준 : 보호구역의 자연생태 보호와 자연조건의 토양환경 표준에 대한 한계치를 유지하기 위함(2) 2급 표준 : 농업분야 산업보호와 인체건강의 유지를 위한 토양의 한계치(3) 3급 표준 : 농업 및 임업 생산과 식물의 정상 성장을 보장하기 위한 토양 임계치 |  | 土壤环境质量标准制定：国家环境保护局 编号：GB 15618－1995发布：1995-07-13 实施：1996-03-01 为贯彻《[中华人民共和国环境保护法](http://www.nbepb.cnnb.net/code/hbflfg/law/21.htm)》，防止土壤污染，保护生态环境，保障农林生产，维护人体健康，制定本标准。     本标准按土壤应用功能、保护目标和土壤主要性质，规定了土壤中污染物的最高允许浓度指标值及相应的监测方法。     本标准适用于农田、蔬菜地、茶园、果园、牧场、林地、自然保护区等地的土壤。 **土壤环境质量标准值** （mg/kg）

|  |  |  |  |
| --- | --- | --- | --- |
| 级别 | 一级 | 二级 | 三级 |
| 土壤pH值 | 自然背景 | <6.5 | 6.5～7.5 | >7.5 | >6.5 |
| 镉 ≤ | 0.20 |
| 汞 ≤ | 0.15 | 0.30 | 0.30 | 0.60 | 1.0 |
| 砷 水田 ≤ | 15 | 0.30 | 0.50 | 1.0 | 1.5 |
| 旱地 ≤ | 15 | 30 | 25 | 20 | 30 |
| 铜 农田等≤ | 35 | 40 | 30 | 25 | 40 |
| 果园 ≤ | — | 50 | 100 | 100 | 400 |
| 铅 ≤ | 35 | 150 | 200 | 200 | 400 |
| 铬 水田 ≤ | 90 | 250 | 300 | 350 | 500 |
| 旱地 ≤ | 90 | 250 | 300 | 350 | 400 |
| 锌 ≤ | 100  | 150 | 200 | 250 | 300 |
| 镍 ≤ | 40 | 200 | 250 | 300 | 500 |
| 六六六 ≤ | 0.05 | 40 | 50 | 60 | 200 |
| 滴滴娣 ≤ | 0.05 | 0.50 | 1.0 |
|  |  |  |  |

**标准分级**     1、一级标准：为保护区域自然生态，维持自然背景的土壤环境质量的限制值。     2、二级标准：为保障农业生产，维护人体健康的土壤限制值。     3、三级标准：为保障农林业生产和植物正常生长的土壤临界值。  |