Drainage classes provide a guide to the limitations and potentials for growth of vegetation and for suitability for agricultural production. The soils are classified according to the following definitions:

- **Well drained**: Water is removed very rapidly. The soil has a low water table and is free of excess water很长时间 during the growing season. The occurrence of internal free water is very rare or may be present in small quantities at shallow depths. These soils have the least limitation of wetness and have a high potential for agricultural production.

- **Moderately well drained**: Water is removed from the soil rapidly but may be present in small quantities at shallow depths almost continuously or intermittently. These soils have a somewhat restricted potential for agricultural production compared to well-drained soils.

- **Somewhat poorly drained**: Water is removed from the soil slowly but is free of internal free water almost continuously during the growing season. The occurrence of internal free water may be present in shallow layers and is almost continuous at shallow depths. These soils have a somewhat restricted potential for agricultural production compared to well-drained and moderately well-drained soils.

- **Poorly drained**: Water is removed slowly and the soil has a water table that may be present in small quantities most of the time. These soils are subject to flooding periodically or continually during the growing season. The occurrence of internal free water is common. These soils have a restricted potential for agricultural production and may be unsuitable for most agricultural uses.

- **Very poorly drained**: Water is removed from the soil slowly and is subject to flooding most of the time. The water table is always present. These soils are subject to flooding throughout the growing season. The occurrence of internal free water is common. These soils have a limited potential for agricultural production and are unsuitable for most agricultural uses.

- **Essentially drained**: Water is removed very rapidly. The occurrence of internal free water is very rare or very restricted. These soils have the least limitation of wetness and have a high potential for agricultural production.