

- A Tolerable water table elevation above drains or in ditches. This elevation is dependent on the effective root zone.
- B Allowable sag in the water table midway between the drains or ditches. The allowable sag is dependent upon the soil's ability to transport water from the water table to the effective root zone at the rate that water is being used by the plant during periods of peak evapotranspiration.

Figure 1.5 Allowable sag of the water table midway between drains or ditches and the tolerable water table elevation above drains or in ditches during subirrigation (*National Engineering Handbook Part 624 Chapter 10, USDA, 2001*)

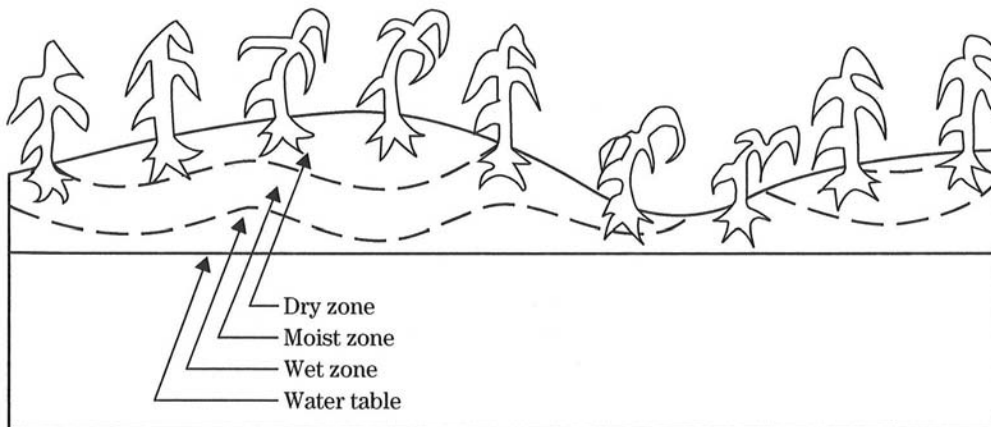


Figure 1.6 Uneven moisture distribution occurs with subirrigation when the surface is not uniform (*National Engineering Handbook Part 624 Chapter 10, USDA, 2001*)