

# Changing Crops During Drought Infographic



	<b>D0 - Abnormally Dry</b> <ul style="list-style-type: none"> <li>• Soil is dry; irrigation delivery begins early</li> <li>• Dryland crop germination is stunted</li> <li>• Active fire season begins</li> </ul>	<b>100.0%</b> of CA (D0–D4)
	<b>D1 - Moderate Drought</b> <ul style="list-style-type: none"> <li>• Dryland pasture growth is stunted; producers give supplemental feed to cattle</li> <li>• Landscaping and gardens need irrigation earlier; wildlife patterns begin to change</li> <li>• Stock ponds and creeks are lower than usual</li> </ul>	<b>100.0%</b> of CA (D1–D4)
	<b>D2 - Severe Drought</b> <ul style="list-style-type: none"> <li>• Grazing land is inadequate</li> <li>• Fire season is longer, with high burn intensity, dry fuels, and large fire spatial extent</li> <li>• Trees are stressed; plants increase reproductive mechanisms; wildlife diseases increase</li> </ul>	<b>92.4%</b> of CA (D2–D4)
	<b>D3 - Extreme Drought</b> <ul style="list-style-type: none"> <li>• Livestock need expensive supplemental feed; cattle and horses are sold; little pasture remains; fruit trees bud early; producers begin irrigating in the winter</li> <li>• Fire season lasts year-round; fires occur in typically wet parts of state; burn bans are implemented</li> <li>• Water is inadequate for agriculture, wildlife, and urban needs; reservoirs are extremely low; hydropower is restricted</li> </ul>	<b>80.3%</b> of CA (D3–D4)
	<b>D4 - Exceptional Drought</b> <ul style="list-style-type: none"> <li>• Fields are left fallow; orchards are removed; vegetable yields are low; honey harvest is small</li> <li>• Fire season is very costly; number of fires and area burned are extensive</li> <li>• Fish rescue and relocation begins; pine beetle infestation occurs; forest mortality is high; wetlands dry up; survival of native plants and animals is low; fewer wildflowers bloom; wildlife death is widespread; algae blooms appear</li> </ul>	<b>28.3%</b> of CA (D4)

Source: <https://www.drought.gov/states/california>