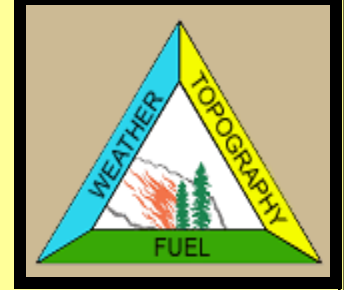




TOPIC 20
POINT VS LINE
IGNITION



Point Ignition = Accelerating Rate of Spread (ROS)

- ✓ Single point fire start (i.e. lightning, spark, etc.)
- ✓ Fire has not reached equilibrium ROS
- ✓ Takes approximately 20-45 minutes for a fire to reach equilibrium ROS
 - ✓ 30-45 minutes in closed fuel types (forest)
 - ✓ 20 minutes in open fuel types (grassland)

Line Ignition = Accelerating Point Source (APS) = Equilibrium Rate of Spread

- ✓ Fire deemed to be a equilibrium ROS (i.e. prescribed burn operation (torch), burn-out operations, back-fire operations, experimental burns using line ignition)