

# Fire Hazard Risk Comparison

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**A quick comparison of fire hazards between Solar Farms, Farming Activities, and Residential Homes.**

Risk Factor	Solar Farms	Farming	Homes
Common Fire Causes	Electrical faults, unmanaged vegetation	Machinery fires, crops, open flames	Cooking, electrical faults, heating
Fire Rate	Extremely Low	Moderate to High (seasonal)	Moderate
Fire Spread Risk	Low (non-flammable materials, sparse vegetation)	High (dry crops, wind)	Moderate (depends on structure, spacing)
Impact Zone	Localized equipment	Large acreage possible	Entire structure may burn
Regulatory Controls	Strict electrical & fire codes	Limited; burn permits & machinery rules	Building & fire codes, insurance rules

## Key Takeaways

- Solar farms have significantly lower fire risks than farms or homes.
- Farming presents high fire hazards due to crops and machinery.
- Homes face moderate risks, mostly from cooking and electrical faults.
- Solar farms use non-flammable materials and follow strict safety codes.

✓ *Routine maintenance and vegetation management are key to minimizing fire risks for all property types.*

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