exploring the relationship between cropland fires and modern farming.

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CROPLAND FIRES – THE KNOWLEDGE GAP

“No-till farming”
organic matter
crop productivity
fire risk??

Use of firebreaks
economics
area of cropped land
fire risk ??

Crop placement
• type & flammability
• asset protection
• crop rotation

2005 “Wangary” fire
79,000 hectares < 6 hrs
9 human deaths

2015 “Pinery” fire
86,000 hectares < 8 hrs
2 human deaths

RESEARCH DRIVERS:
• Climate change
• Securing food certainty
• Safety of assets, property & animals
• Human well-being and resilience