Supplementary material:

Table 1: DNA breakage induced by individual and combined form of pesticides on HaCaT cell line

| Samples          | OTM (Arbitrary unit) | TailNA%       |
|------------------|----------------------|---------------|
| Medium control   | 0.49±0.03            | 6.89±0.48     |
| PM               | 0.75±0.05            | 7.34±0.35     |
| CM               | 0.9±0.02             | 7.88±0.44     |
| α-HCH            | 1.98±0.03            | 10.77±0.53    |
| C-1              | 2.01±0.07            | 11.4±0.42**   |
| C-2              | 5.01±0.21***         | 28.10±1.40*** |
| C-3              | 3.53±0.08***         | 19.00±0.39*   |
| C-4              | 6.06±0.04***         | 31.13±0.45*** |

C-1: α-HCH+PM; C-2: α-HCH+CN; C-3: PM+CN; C-4: α-HCH+PM+CN; PM: parathion methyl; CN: carbofuran; * p < 0.05, ** p < 0.01 when compared to control using one way ANOVA

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