

Glyphosate

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About Glyphosate:

- Glyphosate is a widely used herbicide that can kill certain weeds and grasses.
- Glyphosate works by blocking an enzyme essential for plant growth.

Application:

- In India, glyphosate use was approved only for tea crop and non-crop areas for control of weeds.
 - Assam, West Bengal, Tamil Nadu and Kerala are the major tea plantation states in India.
- But glyphosate consumption is higher in states that do not have tea crops.
- It is being widely and indiscriminately used in paddy fields by farmers.

Consequences:

- The surface casting activity of vertically burrowing earthworms almost ceased after three weeks and reproduction of soil dwellers reduced by 56 per cent within three months after herbicide application.

- There are long-term negative consequences for honey bee navigation, contamination of water bodies and serious health hazards.
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Source : Down to Earth

Source: <https://vajiramandravi.com/current-affairs/glyphosate/>

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