BABY STEPS

Countries across the world have

not been able to regulate the use

of glyphosate

NORTH AMERICA

USA: Though the US Environmental Protection Agency has said that glyphosate is not carcinogenic; 18 states have some restrictions on its use. However, the California Office of Environmental Health Hazard Assessment lists it as carcinogen

Canada: The country's health authority says the chemical does not pose a cancer risk; eight out of the 10 provinces have some form of restriction

EUROPEAN UNION

The European Food Safety Authority says glyphosate is not genotoxic or carcinogenic. But the International Agency for Research on Cancer, a body of the World Health Organization, says glyphosate is a cancer causing agent. Yet, when the European Union voted in 2017, 18 countries backed glyphosate, while nine countries did not want its licence to be renewed. Some countries. however, are voicing their disapproval. France says it will ban its use three years from now, while Belgium has asked for an exit plan from the chemical

Sri Lanka: After cases of chronic kidney disease were reported in areas where the chemical was used, the country imposed a ban in 2014, but it revoked it in 2018 due to pressure from tea plantation owners

India: The law says the chemical can be used only in tea plantations and non-crop areas. But its use is widespread Recently, two states—Andhra Pradesh and Maharashtra—have tried to enforce restrictions

SOUTH AMERICA

Prepared by DTE/CSE Data Centre

www.downtoearth.org.in/infographics

For more such infographics visit:

Columbia: In 2015, the country outlawed the chemical, but in 2017, it revoked the ban.

Argentina: Efforts to ban but the chemical continues to be used

Infographics: Raj Kumar Singh; Analysis: Vibha Varshney

AUSTRALIA

Authority said in 2016 that glyphosate does not pose a cancer risk. But alternative herbicides are being tested

AFRICA

South Africa: After civil society organisations launched a campaign to ban the chemical, the country's department of agriculture. forestry and fisheries are planning to evaluate its safety

The Australian Pesticides and Veterinary Medicines

GLYPHOSATE TRAIL

1974

Introduced in the market

Global consumption since 1974

8.6 billion kg 72% of which was used in the

USA used

last 10 years

1.6 billion kg This is 19% of glyphosate used globally

of this was used between 2004 and 2014. In 2014. farmers sprayed 1 kg on every hectare of cultivated cropland

Genetically engineered herbicide-tolerant crops account for about

56%

of global glyphosate use