

CropLife
Australia



RESILIENT LANDSCAPES

Tackling weeds and pests for sustainable agriculture and biodiversity

Justin Crosby

Director - Government + Strategic Relations



Crop Protection and Biotechnology

Creating the double dividend: profitability and sustainability

Increasing productivity enabling "land sparing"

Supporting climate change adaptation and mitigation

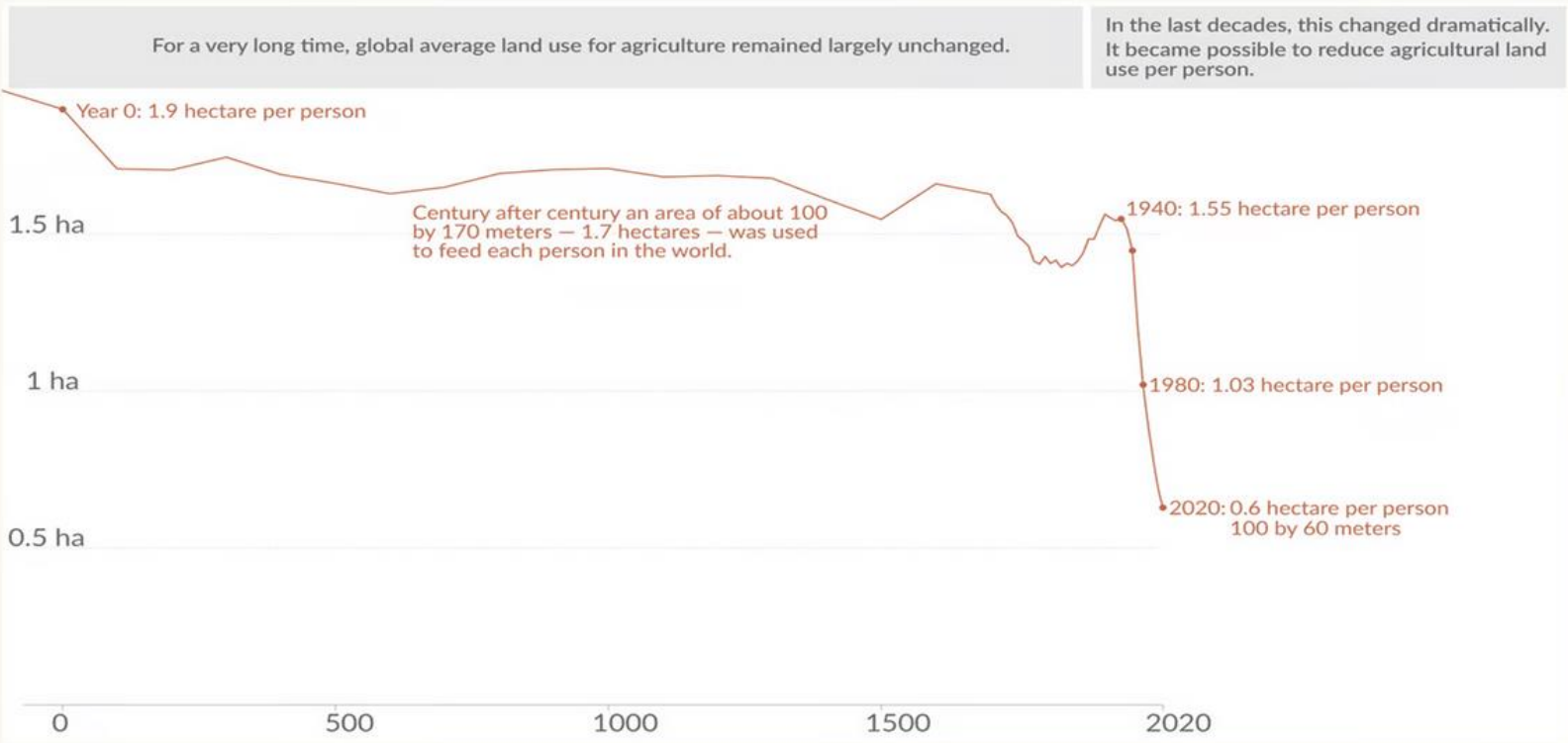
Protecting native ecosystems from invasive species

Increasing productivity enables “land sparing”

2000 years of agricultural land use per person

Shown are historical estimates of the total agricultural land area – which is the combination of cropland and grazing land – per average person.

Our World
in Data



Source: History Database of the Global Environment (HYDE) up to 1980, from then onwards Food and Agriculture Organization of the United Nations.
OurWorldinData.org — Research and data to make progress against the world's largest problems. Licensed under CC-BY by the author Max Roser.

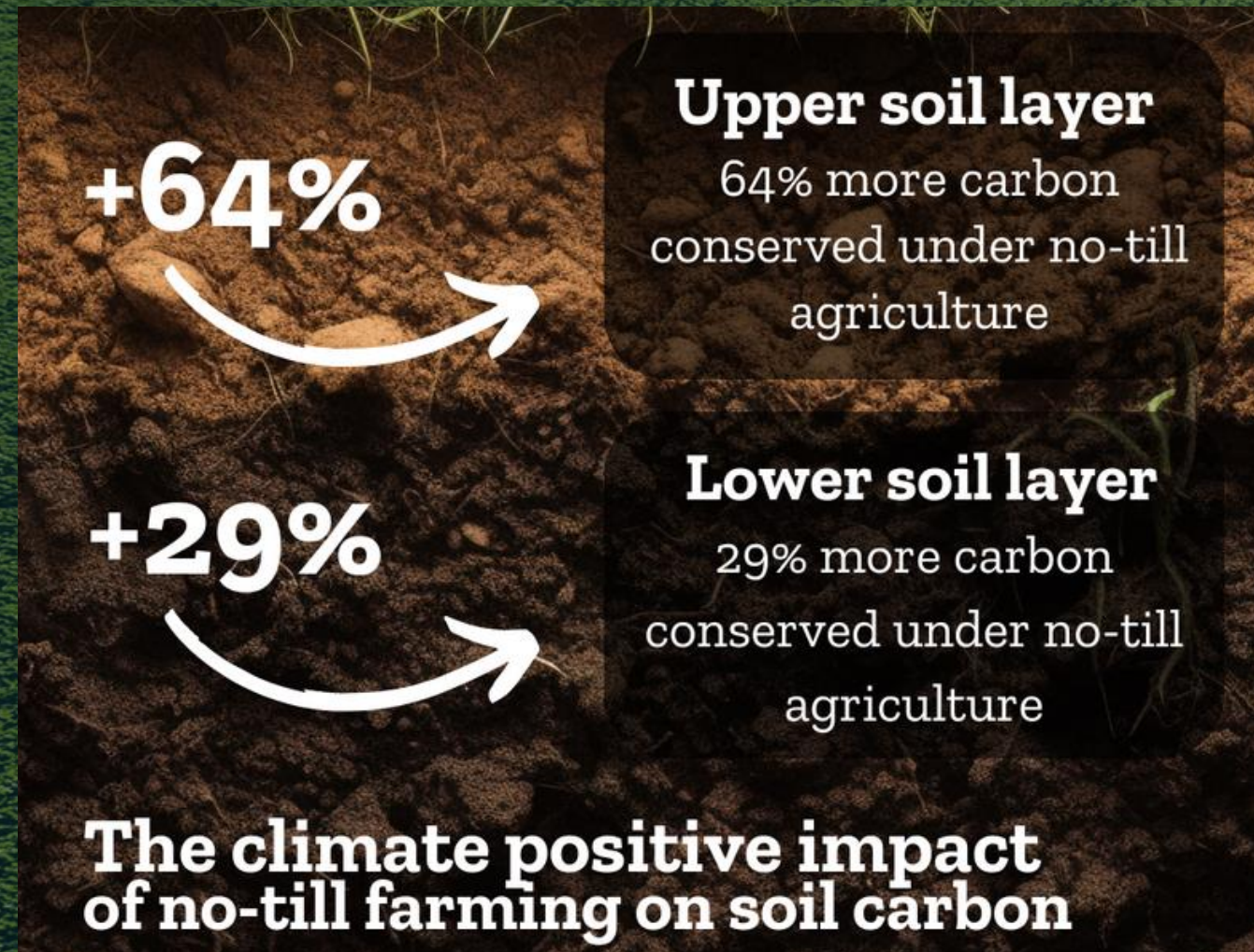
Change in agricultural land since 1961

Australia has reduced agricultural land use, delivering more land to conservation and nature (while raising agricultural productivity)



Source: Environmental Sustainability and agri-environmental indicators – international comparisons, ABARES, 2023

Supporting climate change adaptation and mitigation



Biotechnologies such as GM can increase the climate resilience of crops by up to 40% over the next 40 years

Source: Climate Risk assessment undertaken by Commonwealth Bank (Annual Report, 2019)

Protecting native ecosystems from invasive species



CropLife Australia

DID YOU KNOW?
Glyphosate is the only herbicide known to manage and eradicate many of Australia's worst weeds

FACT
specialised formulations of glyphosate are available for use in environmentally sensitive areas. This allows safe control of a broad spectrum of annual, perennial and aquatic weeds



Did you know?
3,500 harmful invasive plant and animal species have played a key role in 60% of recorded plant and animal extinctions?

FACT
The plant science industry provides Australia's environmental land managers with the innovative tools that are crucial to controlling invasive weeds and insects throughout Australia's world-renowned national parks.



DID YOU KNOW?
Glyphosate is the only herbicide known to control Australia's worst weeds like Gamba Grass and Bitou Bush

Gamba Grass, a declared weed of 'national significance' is the single greatest threat in the Australian tropics. It kills eucalyptus trees and displaces native grasses, fueling fires eight times more intense and extends fire seasons by up to six weeks

Image Credit: Gamba Grass Roots



Pesticides are some of the most tested and regulated products in the world.

Representing the best of the plant science industry

