



Cultivating the future of farming

We partner with farmers, scientists, and the plants themselves to develop perennial grains—deep-rooted crops that heal soils, draw down carbon, and build resilience in the face of climate change.

Our belief is that humanity's best chance to create a regenerative food future lies in moving away from agriculture that is annual, monocultural, fossil-fuel intensive, and ecologically destructive. Considering that 94% of plant species on Earth today are perennials, we look to nature's "default" as a guide to agriculture's future.

Perennial grains keep living roots in the soil year-round, producing food while restoring the ecosystems on which crops depend. They deliver multiple transformational benefits, including:

- **Increased soil organic carbon** by keeping living roots in the ground year-round
- **Reduced nitrous oxide emissions** by using nitrogen more efficiently
- **Improved water infiltration and storage**, building resilience to drought and extreme weather
- **Decreased fossil fuel reliance** by reducing tillage and input needs

Inspired by native prairie ecosystems, perennial grains promise a farming future that nourishes people and the planet—season after season.



The extensive root system of Kernza® perennial grain.

Global reach

6

continents

200+

researchers

30+

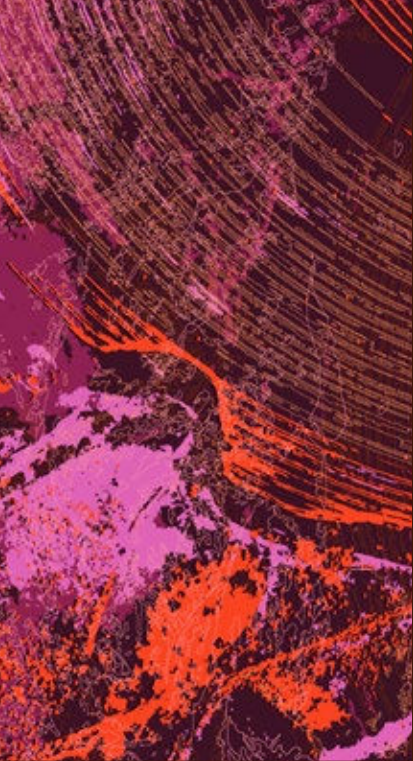
countries

Our mission

The Land Institute is leading a global movement to transform agriculture and secure a sustainable future. We develop perennial crops and systems that work with nature to feed humanity and repair our environment.

Our vision

We work for a future in which humanity and nature flourish together as a collaborative system. Where diverse, perennial crops cover our farmlands and build healthy soil, water, and communities.



What we do

We're cultivating a perennial revolution—one seed, one field, one relationship, one story at a time.



Innovate crops and systems

We breed resilient perennial grains and cropping systems that restore soils, conserve water, and nourish people.



Cultivate partnerships

We work alongside farmers, researchers, and communities globally to co-create solutions that strengthen food security.



Transform systems

We shift culture, policy, and markets toward agriculture that heals land and sustains future generations.

Long-term goals

5%

Public & NGO support

By 2050, 5% of global public and NGO support for agricultural grain research will transition to perennial grains.

60%

Global grain crop hectares

By 2100, 60% of all global grain crop acres will grow diverse perennial grains.

12

Perennial grain crops

By 2050, a dozen or more perennial grain crops will grow on global agricultural croplands, including regionally adapted cereals, legumes, and oilseeds.

Partner with us

Be part of the movement—fund our work, collaborate with our team, or connect your network to help grow a perennial future.



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