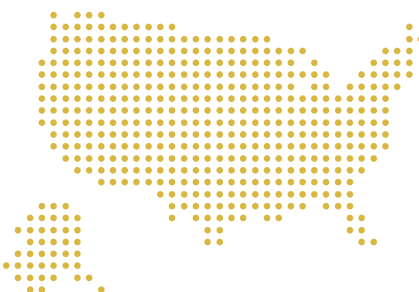
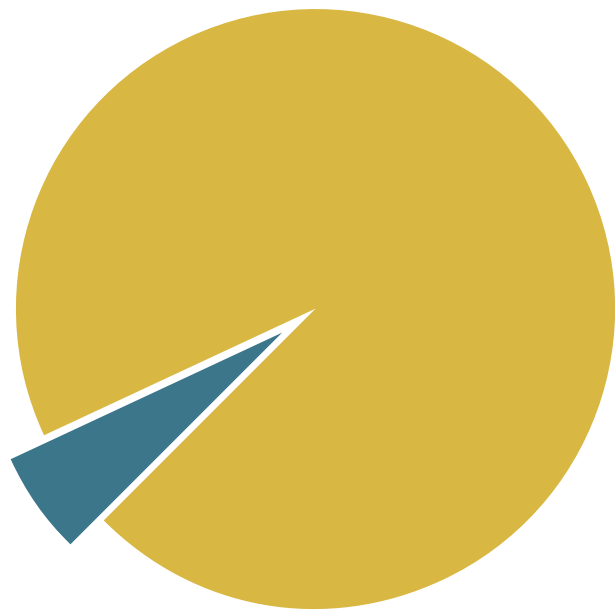


THE LANDSCAPE OF PESTICIDES & HERBICIDES

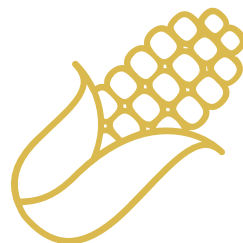


U.S. FARMING IS DEPENDENT ON CHEMICALS

There are **2 MILLION** U.S. farms.

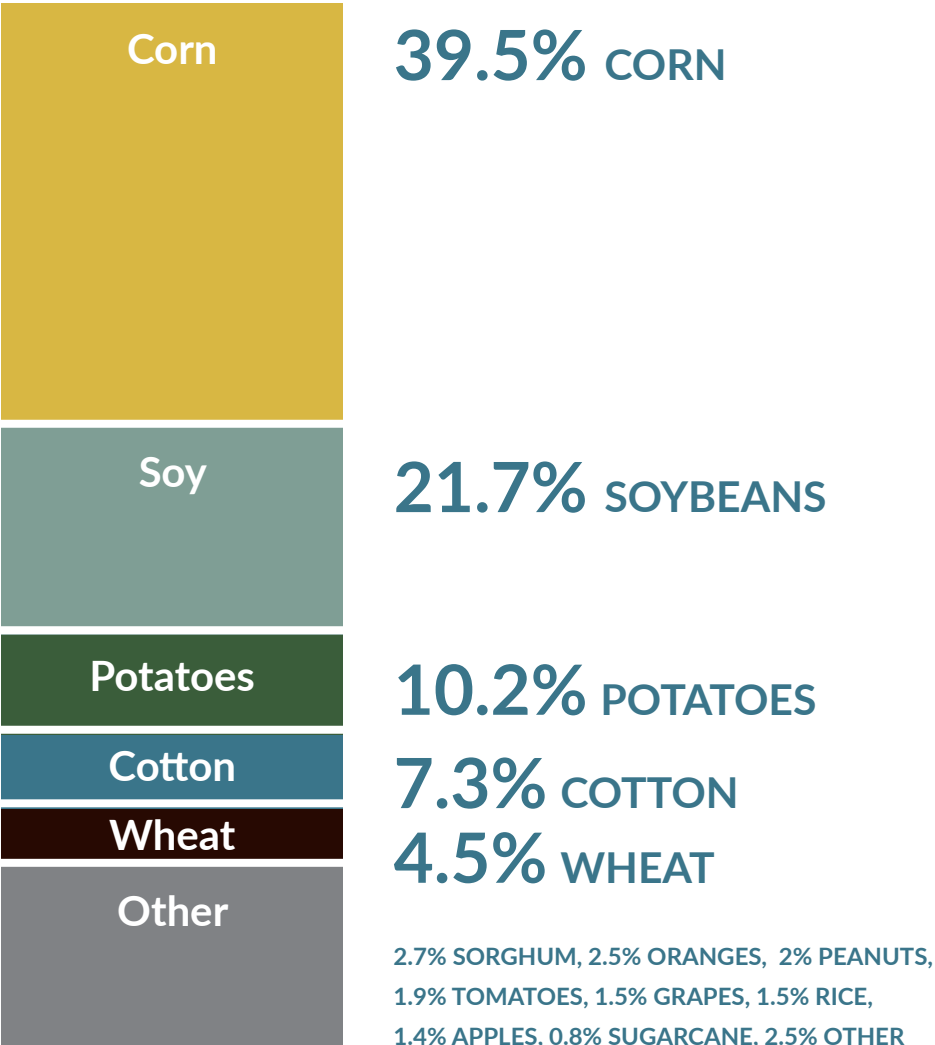


98% of all **U.S. FARMS** use **CONVENTIONAL** practices spraying pesticides, herbicides, and synthetic fertilizers.



THE MOST HEAVILY SPRAYED CROPS

80% of all pesticides are sprayed on corn, soy, potatoes, cotton, and wheat.



THE MOST HEAVILY SPRAYED HERBICIDE

GLYPHOSATE (aka Round Up) is the most commonly used herbicide, comprising half of all herbicides applied at **280 MILLION LBS** annually.

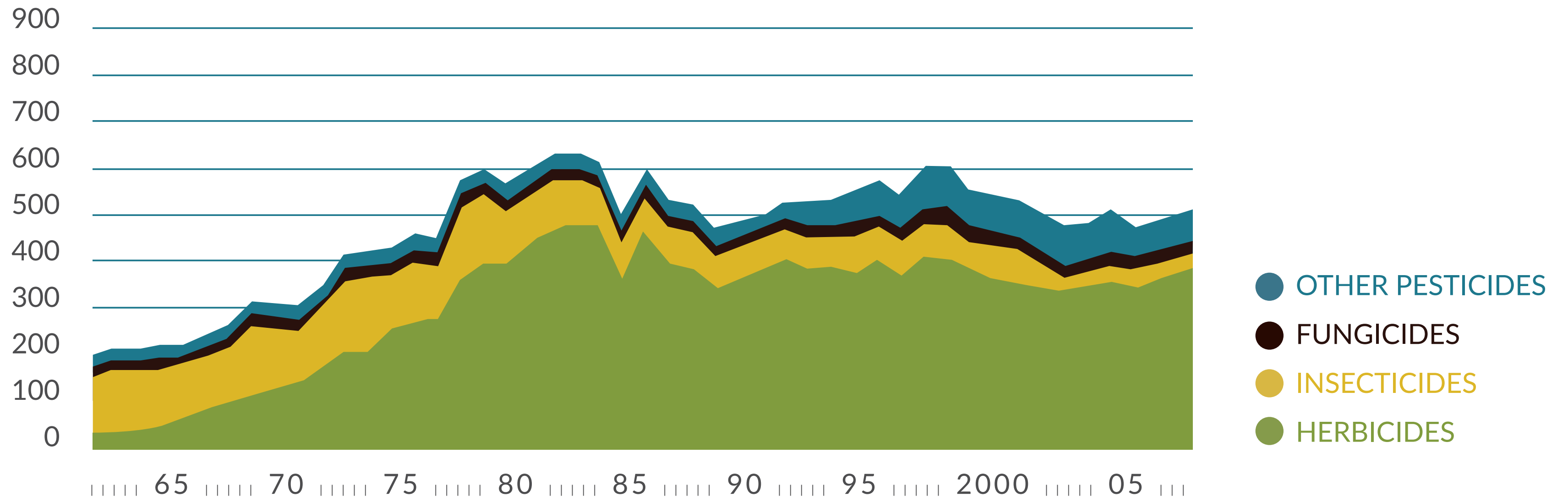


MEASURING EXPOSURE RISKS

U.S. regulators measure the risk of single exposure as opposed to other markets that seek cumulative exposure and combination exposure. Data tracks lbs. of active ingredients sold, as opposed to applications and number of compounds over time.

U.S. SPRAYS 2-3X MORE CHEMICALS THAN IN 1960

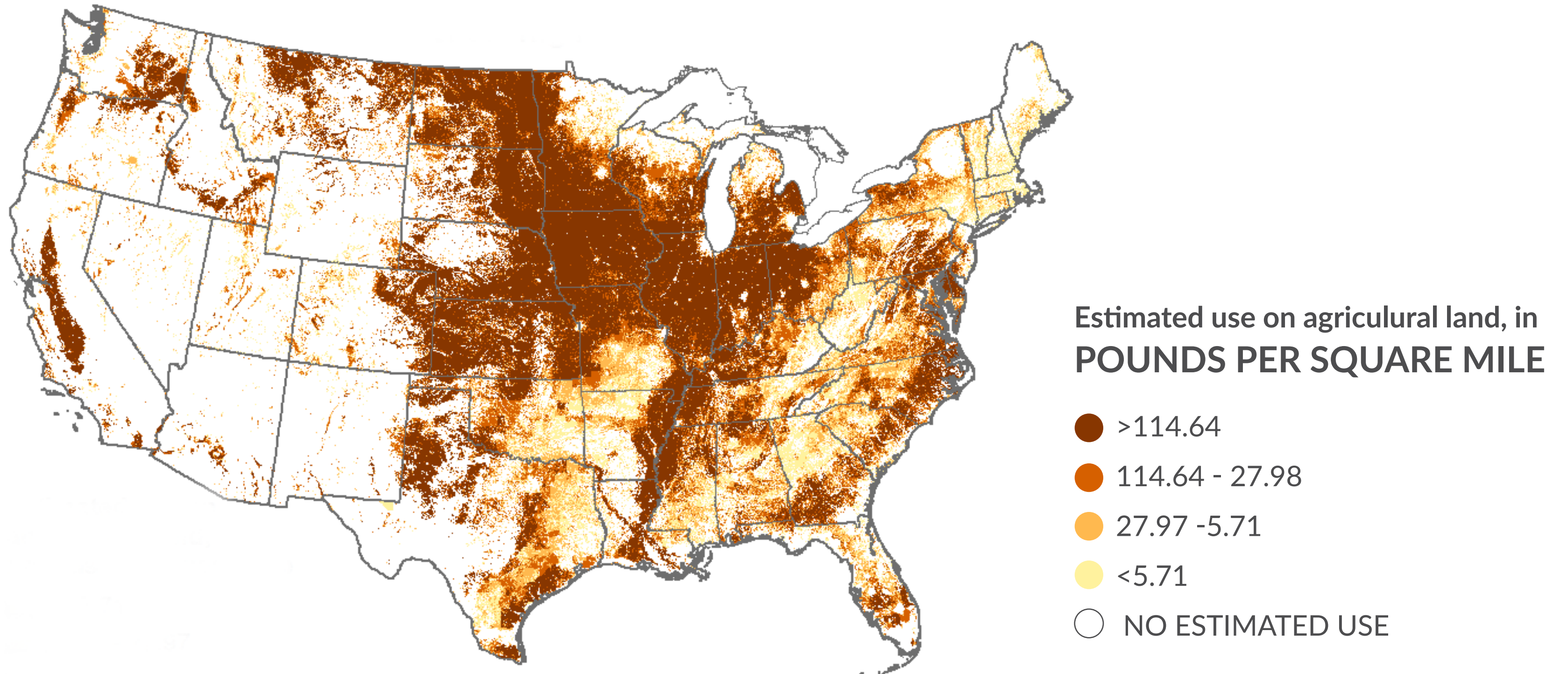
MILLION LBS OF PESTICIDE ACTIVE INGREDIENT



PESTICIDE USE IN U.S. AGRICULTURE. 21 SELECTED CROPS. 1960-2008

OUR AG LANDS ARE DRENCHED IN CHEMICALS

GLYPHOSATE SPRAYED FOR AGRICULTURAL USE IN 2019



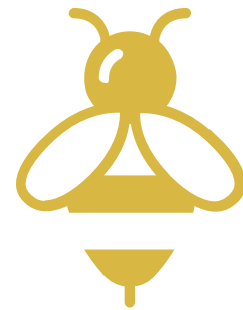
WHAT IS THE PROBLEM?

PESTICIDES & HERBICIDES & FUNGICIDES ARE TOXIC



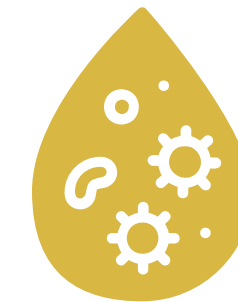
EXPOSURE IS HARMFUL FOR FARMERS, WORKERS & COMMUNITIES

- Multiple peer reviewed studies on **NON-HODGKIN'S LYMPHOMA AND LEUKEMIA** show a positive association with exposure.
- **BRAIN, PROSTATE AND KIDNEY CANCERS** are linked to high and prolonged exposure.
- Rural communities with exposure are linked to **NEGATIVE HEALTH OUTCOMES** including cancer.



PREVALENT IN THE ENVIRONMENT

- Pesticide toxins are **FOUND IN 80% OF WATERWAYS** near farms.
- Nearly **HALF OF TESTED FOODS** show detectable **PESTICIDE RESIDUE**.
- Broadly used Neonicotinoid is directly **LINKED TO BEE DECLINES** and found systemically in a variety of species.
- The **U.S. STILL USES 71 PESTICIDES BANNED** in the EU, 11 banned in China, and 17 banned in Brazil.



GLYPHOSATE EXPOSURE LINKED TO CANCER

- The World Health Organization's International Agency of Research for Cancer puts most widely used herbicide **GLYPHOSATE ON LIST AS PROBABLY CARCINOGENIC** to humans.
- **BAYER HAS SPENT OVER 10 BILLION ON GLYPHOSATE LAWSUITS**, and it is now banned in 10 countries including Mexico and Germany.
- Chemical **INDUSTRY HAS FUNDED MANY STUDIES** resulting in a **DEARTH OF INDEPENDENT STUDIES**.

WHAT IS THE PROBLEM?

U.S. SPRAYS PESTICIDES BANNED AROUND THE WORLD

STATUS BY COUNTRY

United States of America (USA)
European Union (EU)
Brazil (BRA)
China (CHN)

NUMBERS

✗ = Banned
✓ = Approved
— = Not in database/unknown

COLORS

Green = banned/phasing out
Red = approved
Yellow = Not approved/unknown

(W) = World Health Organization deems
“extremely” or “highly” hazardous pesticide

PESTICIDE	USA	EU	BRA	CHN
2,4-DB	✓	✓	✗	✗
Bensulide	✓	✗	✗	—
Chloropicrin	✓	✗	—	✗
Dichlobenil	✓	✗	✗	—
Dicrotophos ^(W)	✓	✗	✗	—
EPTC	✓	✗	✗	—
Norflurazon	✓	✗	✗	—
Oxytetracycline	✓	✗	✗	—
Paraquat	✓	✗	✗	✗
Phorate ^(W)	✓	✗	✗	✗
Streptomycin	✓	✗	✗	✓
Terbufos	✓	✗	✓	✗
Tribufos (DEF) ^(W)	✓	✗	✗	—

WHAT IS THE SOLUTION?

ORGANIC FARMING



**ORGANIC FARMING
DOES NOT USE
SYNTHETIC CHEMICALS**



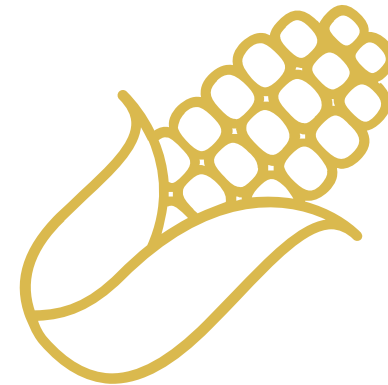
ACCORDING TO THE AMERICAN MEDICAL ASSOCIATION A
**DRAMATIC REDUCTION
IN THE RISK OF CANCER**
IS CORRELATED WITH EATING ORGANIC, PESTICIDE FREE FOOD

HOW IS IROQUOIS VALLEY FARMLAND REIT PART OF THE SOLUTION?

SINCE 2014 IROQUOIS VALLEY FARMERS HAVE
ELIMINATED 8.2 MILLION LBS OF SYNTHETIC CHEMICALS
FROM THE FOOD SYSTEM



OUR ORGANIC
WHEAT FARMS
ELIMINATED
1.4 MILLION LBS
OF SYNTHETIC CHEMICALS



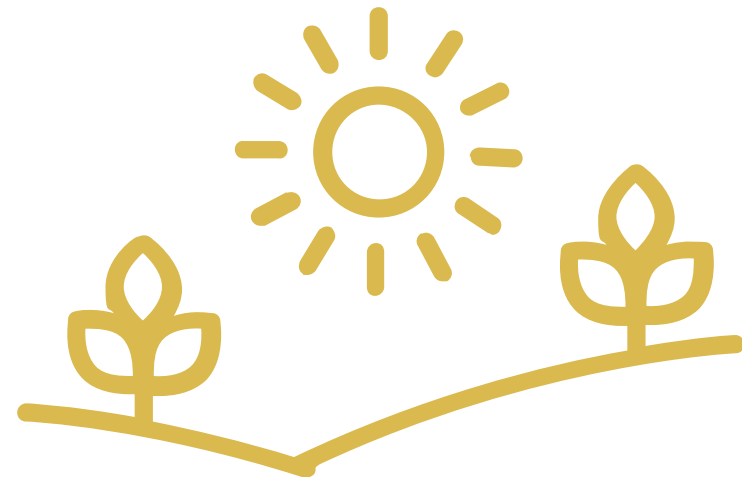
OUR ORGANIC
CORN FARMS
ELIMINATED
4.7 MILLION LBS
OF SYNTHETIC CHEMICALS



OUR ORGANIC
SOYBEAN FARMS
ELIMINATED
2.1 MILLION LBS
OF SYNTHETIC CHEMICALS

IROQUOIS VALLEY ONLY WORKS WITH TRANSITIONING & ORGANIC FARMERS

WITH YOUR \$100,000 INVESTMENT



WE HAVE THE POTENTIAL TO

REMOVE 10,350 LBS

OF SYNTHETIC CHEMICALS

FROM OUR FOOD SYSTEM OVER A 5-YEAR INVESTMENT PERIOD

LEGAL DISCLAIMER — FORWARD LOOKING STATEMENTS

This presentation contains “forward-looking statements” about impact that represent our beliefs, projections and predictions about future events. These statements are necessarily subjective and involve known and unknown risks, uncertainties and a number of factors could cause future Company results to differ materially from these forward-looking statements. Past performance is not an indication or guarantee of future results.

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