



cultivation
CORRIDOR®

The science that feeds the world.



ADVANCING AG TECHNOLOGY



Iowa's vast technology industry employs over **76,000 skilled workers** and accounts for **\$10.7 billion** of the state's GDP.



In 2014, the State of Iowa issued **\$51 million in refundable R&D tax credits to 265 companies** working in food production, agbioscience and advanced manufacturing.

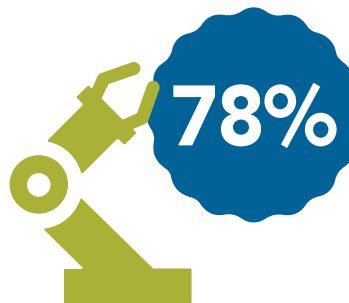


Iowa's farmers have invested more than **\$134 billion** in farms and equipment to create one of the most advanced ag infrastructures in the nation.

AN ACTIVE PATENT ENVIRONMENT



Iowa ranks second in patent activity per capita with 3.06 patents issued per 1,000 residents.



During the past five years, 78% of the 5,192 patents issued in Iowa directly impacted national manufacturing needs.

TOOLS OF THE TRADE

Iowa's farmers enjoy access to dozens of companies and research institutes working to further the reach of ag technology. The advanced tools and processes being developed here are being used around the world to increase agricultural production for a sustainable future.



PRECISION AG



FOOD TECHNOLOGY



URBAN & INDOOR AG



TELEMATICS



CROP SENSORS



AQUACULTURE



GPS NAVIGATION



BIOFUELS



DRONE TECHNOLOGY



NEW CROP DEVELOPMENT

BUILDING A SPECIALIZED WORKFORCE



Iowa ranks among the nation's top 10 states for quality of university R&D.



Iowa's 52% growth rate in R&D expenditures from 2009 to 2011 was the most rapid increase in the nation.



Iowa's completion rate for computer science and engineering degrees has outpaced the national average by 27%.



\$154 PER RESIDENT



\$119 PER RESIDENT

In 2014, academic R&D for biosciences in Iowa equaled \$154 per resident compared to \$119 nationally.

Many leading companies are already calling the Corridor home:

Ag Leader®



INSIDE THE CORRIDOR



JOHN DEERE

John Deere Intelligent Solutions Group

In Urbandale, Iowa, over 800 engineers are working to create high-tech logistics systems, crop management tools and specialized hardware for high-tech, GPS-driven tractors that increase output and reduce farming costs.

Ag Leader

Ag Leader®

From their headquarters in Ames, Iowa, Ag Leader is developing advanced heads-up dashboard displays and a range of software and data management systems that help farmers complete tasks such as planting, water management, fertilizer application and harvesting with ultra-accuracy.

Laurence H. Baker Center for Bioinformatics & Biological Statistics

IOWA STATE UNIVERSITY

Scientists at this innovative ISU center are bridging experimental biology with quantitative research methods in order to mine better and more accurate information from crop and animal production, and are ultimately strengthening the link between mathematical science and improved ag output.

POISED FOR GROWTH

The Cultivation Corridor is strategically aligned with numerous public, private and governmental organizations to maximize business growth opportunities in central Iowa.

