Improving Bioenergy Crops for Sustainable Production

CHALLENGES

IDENTIFYING SUSTAINABLE SOURCES OF ENERGY

PRESEVING NATURAL RESOURCES

ADVANCING COMMERCIAL DEVELOPMENT

HOW WE'RE HELPING

ENHANCING YIELD AND QUALITY
- IMPROVING SOLAR ENERGY CAPTURE
- ENGINEERING HIGHER OIL CONTENT AND IMPROVING OIL COMPOSITION

USING NATURAL RESOURCES EFFECTIVELY
- IMPROVING WATER-USE EFFICIENCY
- ENHANCING NUTRIENT UPTAKE

DEVELOPING ALGORITHMS AND OPEN-SOURCE SOFTWARE FOR IMAGE ANALYSIS

DELIVERING NEW TECHNOLOGIES TO THE MARKETPLACE

WHO WE ARE

The Enterprise Rent-A-Car Institute for Renewable Fuels at the Danforth Center

INNOVATION

HIGH-THROUGHPUT GENOMIC AND PHENOMIC TECHNOLOGIES

INTERDISCIPLINARY TEAMS

21 RESEARCH COLLABORATIONS ON 5 CONTINENTS

FOCUSED ON

NON-FOOD CROPS, GRASSES, OILSEED CROPS AND ALGAE

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