



BioHeuris

Empowering crops[®]
for weed control

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Co-Founder and Director



Company Overview

 **Founded:** 2016

 **Employees:** 19
(50% PhD level)

 **Locations:**

Argentina (Rosario)

USA (St. Louis)



Crops we are optimizing (under an ISO 9001 Quality Management System):



Soybean

Sorghum

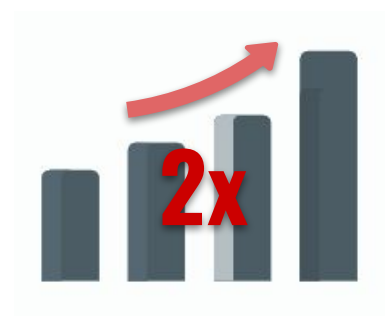
Cotton

Rice

Weeds have always been a **Major Concern** for Farmers



of crops yield is **lost**
due to Weeds



Increase in
Management Cost over
the last 10 years



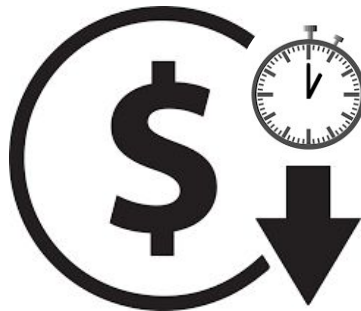
Herbicide **cost**
worldwide per year

- Weeds + Food

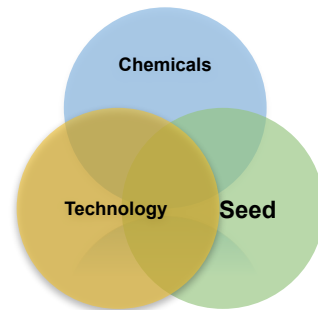
We develop Sustainable Weed Management Systems



Reducing
Environmental impact



Reducing Time and Cost of
product development



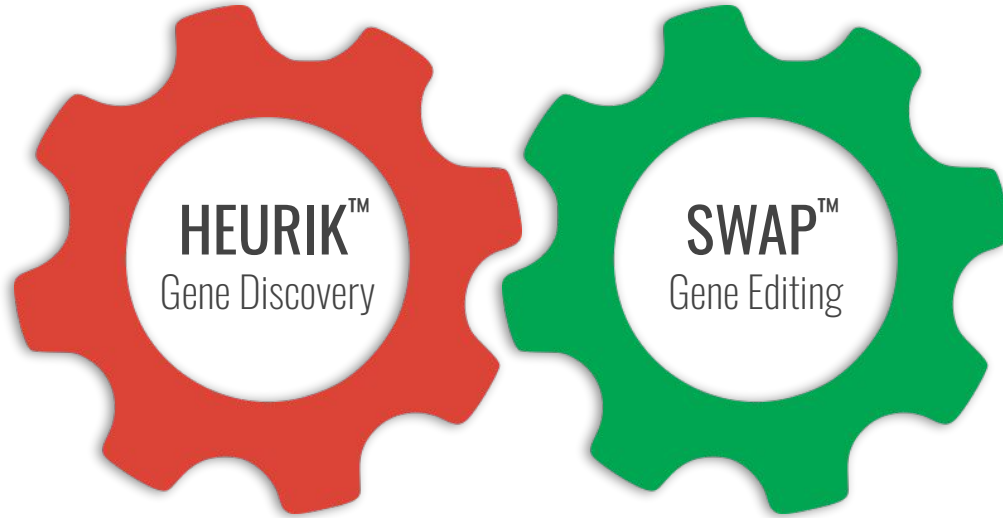
Sharing the Value with
Independent Seed Companies

More Technology for less environmental impact

BioHeuris has Two Integrated Platforms

Works with crop **elite variety** genes

Predicts level of herbicide tolerance and **potential penalties**



Works directly with **crop elite varieties**

CRISPR/Cas based strategies

Doing in the lab in months what could happen in hundreds of hectares over years

Competitive Advantage



Faster, cheaper & better

 BioHeuris
\$5 million | 5-7 years



Big Seed Companies: GMO traits
\$115 | 16 years

Working on a diverse set of **Crops** and HT traits

Rice



Sorghum



Soybean



Cotton



Number of HTs under development

2

2

5

1

HT Traits (across crops)

PPO, HPPD, ALS, ACCase, Auxins

Started field-trials



Expected launch of first HT

2026

2026

2027

2027



Regulatory Compliance

So far we have consulted and confirmed our products will not be regulated as GMO in:

 Argentina (CONABIA)

 USA (APHIS)

 Brazil (CTNBIO)

 Colombia (ICA)

 Chile (SAG)

 Kenya

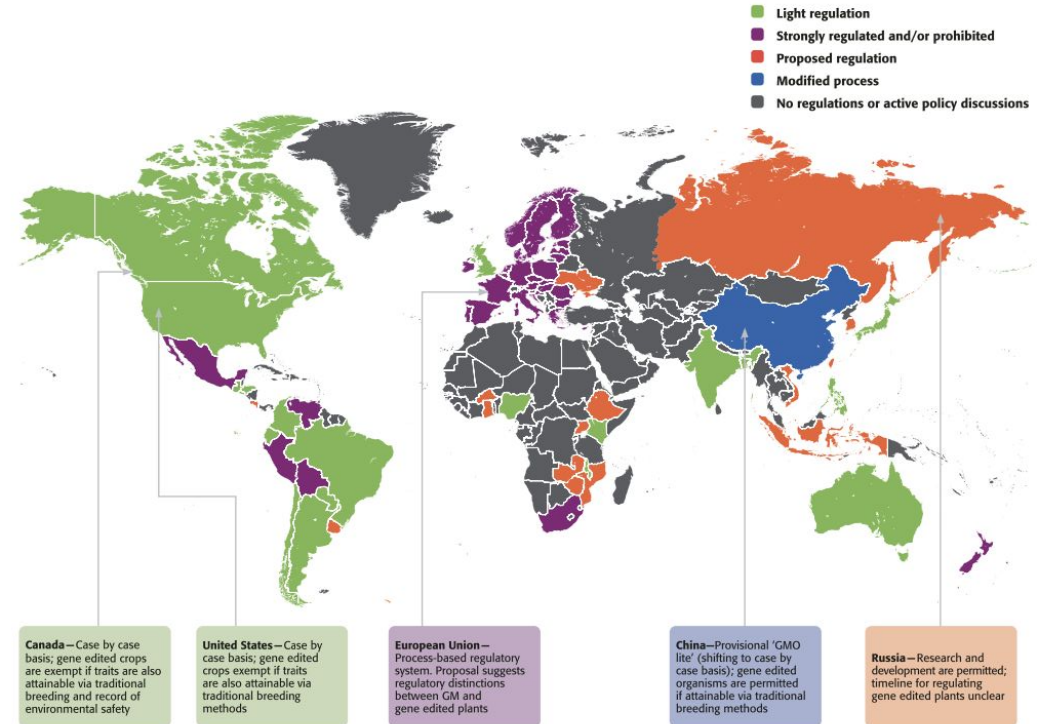


Fig. 3.2 Current regulatory environment for gene edited plants. (Adapted from Chou, 2023; Lawrence, 2023)

BioHeuris Team

