Despite decades of safe consumption, the data requirements for regulatory approvals of genetically modified (GM) crops are inconsistent around the world.

It’s time to unify around a streamlined, science-based approach to GM crop approvals.

**A GLOBAL SUCCESS STORY**

- **25 YEARS**
  - GM crops have been safely cultivated worldwide for more than 25 years.*

- **$186bn**
  - GM crops have provided global economic gain of $186 bn USD over 21 years.*

- **3,500**
  - More than 3,500 food/feed safety evaluations passed, with 0 rejections based on food/feed safety.*

**SUSTAINABLE CAPABILITIES**

- **27.1bn kg SAVING**
  - The commercialization of GM plants led to a saving of 27.1bn kg in CO2 emissions in 2016, equivalent to taking 16.7 million cars off the road for a year.**

**A LACK IN GLOBAL CONSISTENCY LEADS TO:**

- **REDUCED PRODUCT CHOICE**
  - for farmers and consumers

- **ADDED COSTS**
  - $4.9bn USD in soybeans

**HUGE POTENTIAL**

- A well-defined, consistent, and science-based approach to assessments would lead to:
  - greater innovation,
  - increased commercialization of beneficial GM crops and traits,
  - a streamlined global review process with more efficient approvals.

- Disruptions in trade and delays in commercial launches

- With more timely GM plant approvals between 2018-2022, major export countries could increase production by**:
  - $4.3bn USD in corn

**IT’S TIME FOR A NEW APPROACH**

Safety assessments for GM crops should focus on characterizing risks

**Core studies**
- to evaluate safety of GM crops.

**Supplementary studies**
- in specific cases.

**Supplementary studies**
- should be designed depending upon the crop, introduced trait and/or the intended use.

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