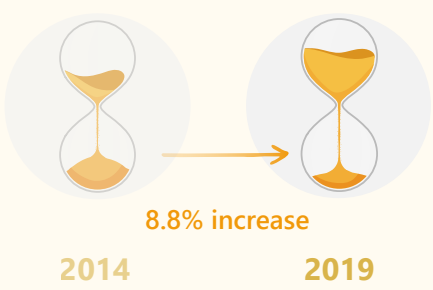
EXTENDED TIMELINES, ESCALATED COSTS

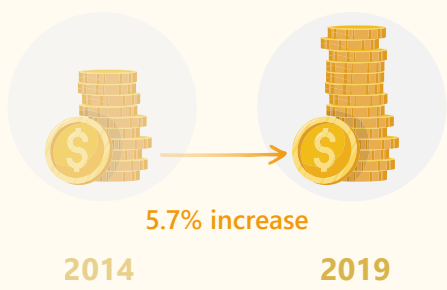
Revealing the Cost of Delayed Innovation

Time and Cost of Agrochemical Product Discovery, Development and Registration study from AgbioInvestor reports the following trends:



TIME-TO-MARKET HAS GONE UP

The mean time to bring a new crop protection product to market is 12.3 years, **an increase of one year** (*compared to the previous period for which data was collected*), which means products in development today will only reach the market in 2036 on average.



COST-TO-MARKET HAS GONE UP

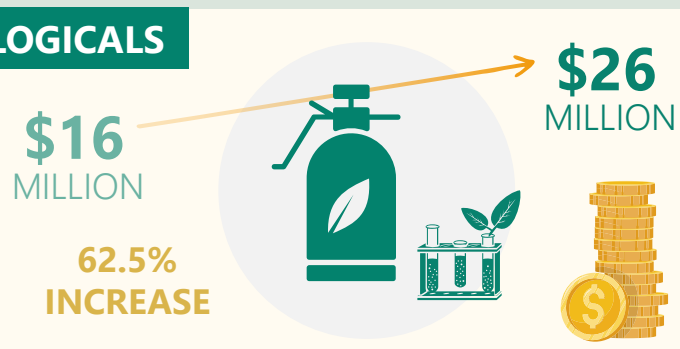
Overall costs of bringing a new pesticide to market have **gone up by 5.7%,** surpassing $300 million for the first time. The cost was under $200 million less than 20 years ago.

Delivering a new active ingredient to market requires an average investment of:

$301 MILLION + **12.3** YEARS

The cost to market average has **doubled** over the past 25 years!

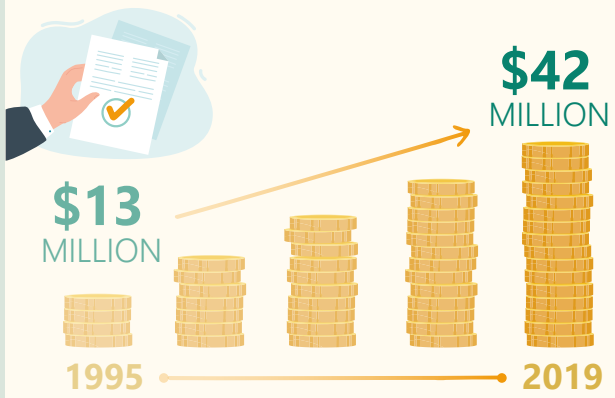
BIOLOGICALS



Companies are increasing their R&D investments in biologicals, rising from $16 million to $26 million, a **62.5%** increase since the last study.

Enhancing productivity and fostering innovation are key in equipping farmers to combat challenges like climate change. Effective crop protection is vital for increasing productivity and ensuring food security. Innovation offers accessible solutions to empower farmers with an enhanced toolbox to sustainably address crop pests and diseases. Access to timely and cost-effective innovations is essential for achieving zero hunger and adapting to climate change.

INCREASED COST BREAK DOWN

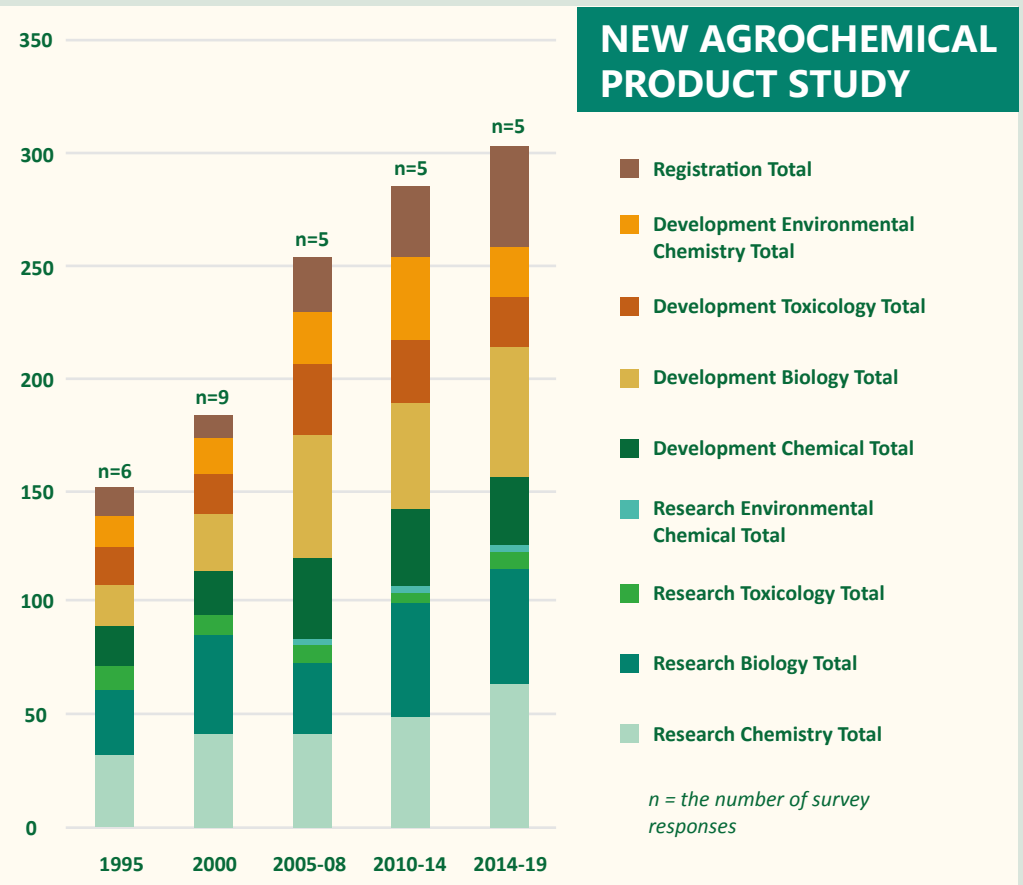


Registration costs of $42 million represent **13.9%** of the overall costs from 2014-2019, meaning the cost of registration is at the **highest level** as a proportion of the history of these reports.

Registration costs have **increased** both in absolute terms and as a proportion of overall costs since the first edition of this survey, rising from an average of $13 million in 1995 at **8.6%** of the overall costs. In overall terms, registration costs have more than **tripled.**

In addition, since the last study from 2010-2014, the average cost of synthesis and formulation in the research phase rose by **31.6%** to $64 million, making this the **largest single cost in the R&D** of a new pesticide, with field trials the next biggest cost, going up by **23.9%** to $58 million.

NEW AGROCHEMICAL PRODUCT STUDY



Source: AgbioInvestor 2024/CropLife International Members
Survey conducted by AgbioInvestor and reflects the input of five global brands for the period 2014-2019.
Previous study results are from a similar survey conducted for the period 2010-2014.

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