Bringing plant potential to life

syngenta

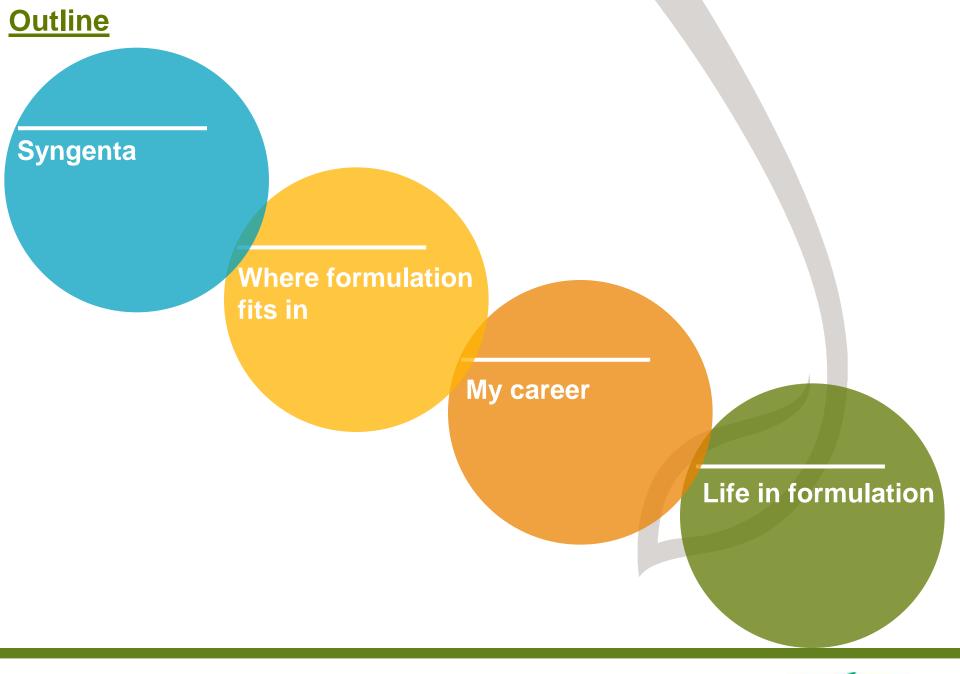
Growing a career in agricultural science

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Formulation Technical Specialist, Syngenta

Jeallot's Hill International Research Centre, UK

Classification: PUBLIC

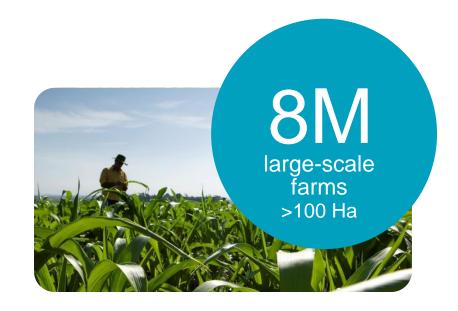




Our ambition

We play a vital role in the food chain to safely feed the world and take care of our planet.

We will be the most collaborative and trusted team in agriculture, providing leading seeds and crop protection innovations to enhance the prosperity of farmers, wherever they are.







We need to find better ways to feed the world



Every day the world's population increases by $200^{\circ}000$



Who we are

A leading agriculture company helping to improve global food security by enabling millions of farmers to make better use of available resources.

- World-class science and innovative crop solutions.
- 28,000 people in over 90 countries working to transform how crops are grown.
- Committed to rescuing land from degradation, enhancing biodiversity and revitalizing rural communities.



90 countries



107 production and supply sites



119 R&D sites



27,810 employees



Two core businesses

Crop Protection



Selective herbicides
Non-selective herbicides
Fungicides
Insecticides
Seedcare

Seeds



Corn & Soybean

Diverse Field Crops

Vegetables and Flowers



Two core businesses

Crop Protection



Selective herbicides

Non-selective herbicides

Fungicides

Insecticides

Seedcare

Seeds



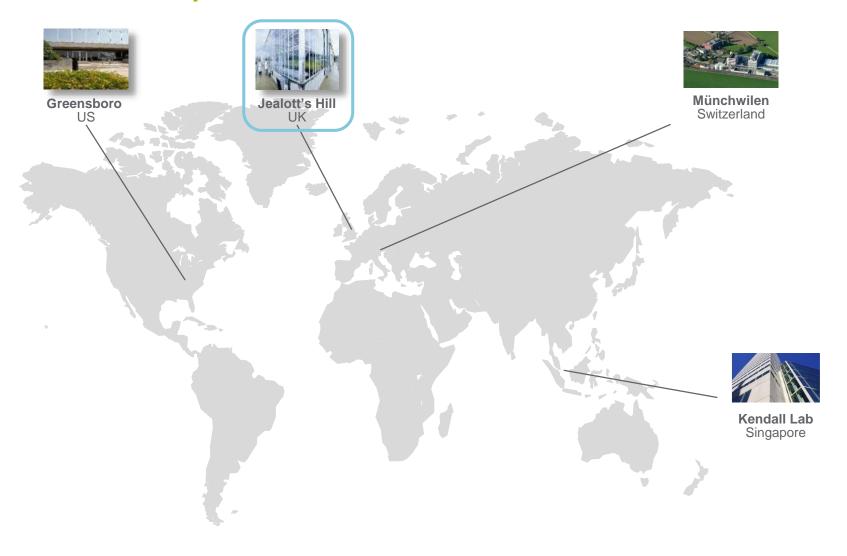
Corn & Soybean

Diverse Field Crops

Vegetables and Flowers



Global formulation presence

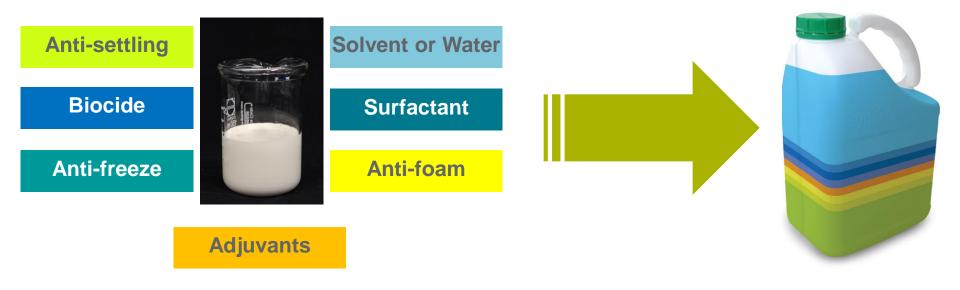




What is a crop protection formulation?

A formulation is a 'vehicle' which safely delivers one or more active ingredient(s) (to control a disease, pest or weed) to a crop/target in an efficient, effective and convenient way







Why do we need to formulate?

Unformulated Al

Active Ingredients









Formulated Al





Why do we need to formulate?

Poor retention of water on leaf



Good retention of optimised formulation on leaf





My Career

2006-2010

First class MChem University of Oxford 2010

Formulation Chemist

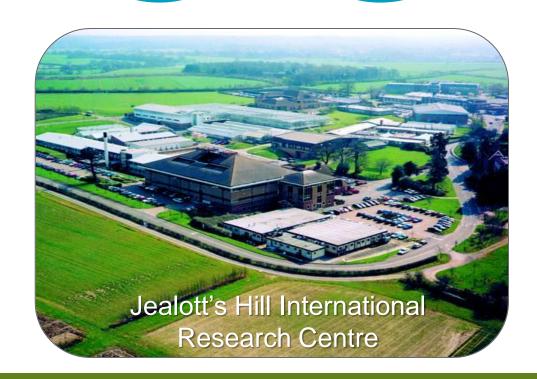
Formulation Technology, Syngenta 2013

Senior Formulation Chemist

Formulation Technology, Syngenta 2016

Formulation Technical Specialist

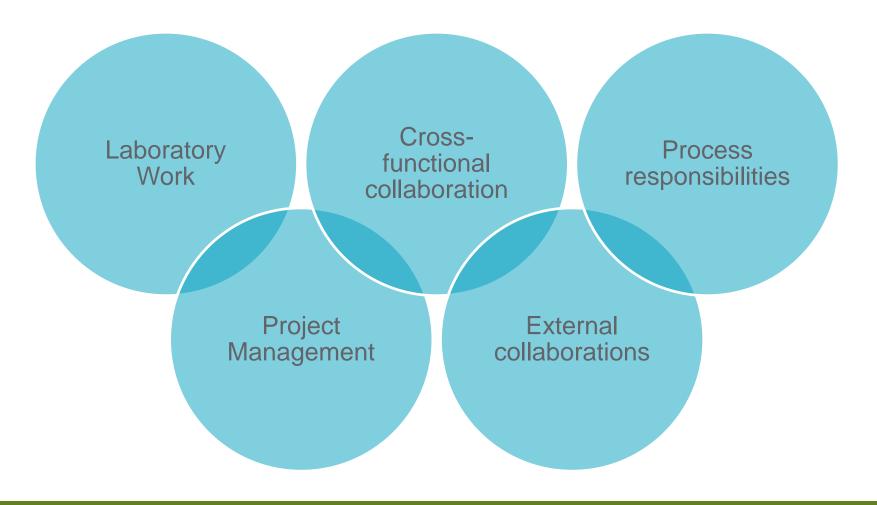
Formulation Development, Syngenta





Life in formulation

- Herbicide formulation development team: 7 people
- 2-3 projects each
- Early research Als (mg scale) → development of commercial products (pilot plant scale)





Life in formulation

- Every project is different
- Close collaboration with many scientific functions
- Flexible working and progression opportunities
- Large global company





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