Our 2030 Commitment

Land

Smart Science

Protecting our land resource

Population growth will be the main driver of consumption growth for most commodities. By 2050, the world’s population is predicted to reach 9.8 billion and it is estimated this will require over 50% more food.

Today, society uses 50% of the world’s vegetated land for agriculture and, to meet climate change objectives, we need to reduce the associated GHG emissions by over 50%. This forecast global demand is uneven, with slowing or decline in developed countries and increase in developing countries. The majority of growth in crop production needs to be as a result of higher yields and increased cropping intensity, with very little coming from land expansion. Almost all of the land expansion for food production is forecast to be in developing countries, predominantly sub-Saharan Africa and Latin America.

Whilst our land use footprint is predominantly in developed countries, presenting no conflict with food production, we are determined to minimise our footprint and the inputs required, as well as reduce GHG emissions and improve soil health.

Sources: UN SDG Report 2019 and WRI How to Sustainably Feed 10 Billion People by 2050.

Rapeseed leaf. Rapeseed is one of our key bio-based raw materials.

Our land commitment: by 2030 the land area saved through the improved yields and crop resilience as a result of the use of our crop protection ingredients and seed treatment technologies will exceed that used to grow our raw materials.

We are unique within our peer group due to our high usage of bio-based raw materials. We will increase this by accelerating our move away from fossil/petrochemical feedstocks, whilst maximising the amount of land available for crops to feed the growing population.

We are committed to doing more:

- We have calculated our land use footprint for the major crops we source and we engage with our supply chains to ensure there is no deforestation or conflict with food security. Protection of biodiversity, soil health and water consumption are key to sustainably sourcing our feedstocks.
- Our crop, seed enhancement and biostimulant technologies improve yield and quality, allowing farmers to grow more food from less land.
- We will invest in innovation projects and partnerships to mitigate the impact of a changing climate on land degradation.

At Croda, our commitment to becoming Land Positive means that we will save more land than we use. We will increase agricultural land use efficiency, protect biodiversity and ensure food security by sourcing sustainably and inspiring innovation through our crop businesses.