

Zinc and Health

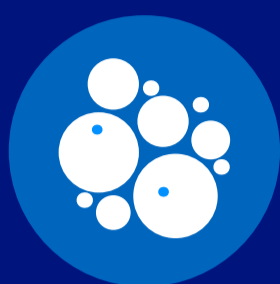
Zinc is a micronutrient that is crucial for body growth, brain development, and can help fight dangerous infections, especially in children.

However, many people in developing countries do not have access to zinc. As a result, zinc deficiency affects **1.2 billion** people worldwide.

Why Zinc?

Zinc plays a major role in:

Cell growth



Protein building



Healing tissues



Supporting the immune system



DNA creation



Foods that are rich in zinc include meat, poultry, seafood, and nuts.



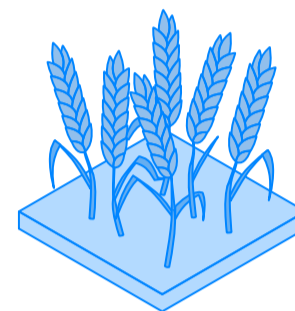
The Challenge

Globally, **one in four** children are malnourished and at risk of stunted growth or impaired development.

Furthermore, over half a million children die of diarrhea every year in developing countries in Asia and Africa, where clean drinking water, sanitation, and access to urgent medical care are limited.

The Solution

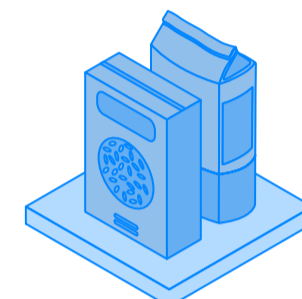
Zinc offers highly cost-effective measures to reduce widespread micronutrient deficiency:



Adding zinc to fertilizers for increased crop nutrition



Adding zinc micronutrient powders to children's diets



Fortifying staple foods like flour and rice with zinc

Combined with oral rehydration salts (ORS), zinc can reduce the duration and severity of diarrheal episodes and may also prevent future episodes for up to three months.

As one of the world's largest producers of zinc, Teck is committed to helping solve the global health issue of zinc deficiency through therapeutic zinc, zinc supplementation, food fortification, crop nutrition, awareness, and advocacy.

Teck's Zinc & Health program has reached more than 160 million people, or 13% of those impacted worldwide to date.

Teck is a founding member of the Zinc Alliance for Child Health (ZACH), a public-private-civil society alliance created to develop and sustain zinc treatment programs:

▶ **\$15 million** commitment by Teck, the Nutrition International and the Government of Canada, to scale up therapeutic zinc as a diarrhea treatment in Burkina Faso, Ethiopia, India, Kenya, and Senegal.

▶ **\$5 million** 5-year partnership with UNICEF Canada to improve the use of, and access to therapeutic zinc to treat childhood diarrhea in India.

More than 56 million children have received life-saving zinc treatments as a result of the Zinc Alliance for Child Health (ZACH) to date.

Presented by _____

Source: Teck, Unicef

Teck

Click here to learn more about how Teck's Zinc & Health program is helping to reduce zinc deficiency and improve lives around the world.

NYSE **TECK**

TSX **TECK.A**

TSX **TECK.B**