



OBERLAND 
agriscience

Advancing Animal, Plant & Soil Nutrition

Vision 2025

www.oberlandagriscience.ca
greg@oberlandagriscience.com
+1 (902) 499 7261

Our Food Systems Are in Crisis



Feeding livestock is unsustainable

33% of global croplands are used for livestock feed production.



Food waste is rampant

Canadians discard 40-60% of the food we grow and produce each year.



Soil health is critically low

Damaged by intensive farming, using more chemical fertilizer to grow less food.



Forage fish stocks are rapidly declining

Herring and mackerel stocks are at an all-time low.

<https://www.fao.org/3/ar591e/ar591e.pdf>

<https://wrwcanada.com/en/get-involved/resources/food-waste-themed-resources/food-waste-canada-facts>

<https://www.fao.org/documents/card/en/c/CB1929EN>

<https://www.theglobeandmail.com/business/commentary/article-fish-disappearing-atlantic-economy-under-threat/>

Why the Black Soldier Fly Larvae?

Tremendous & Efficient Growth Rate

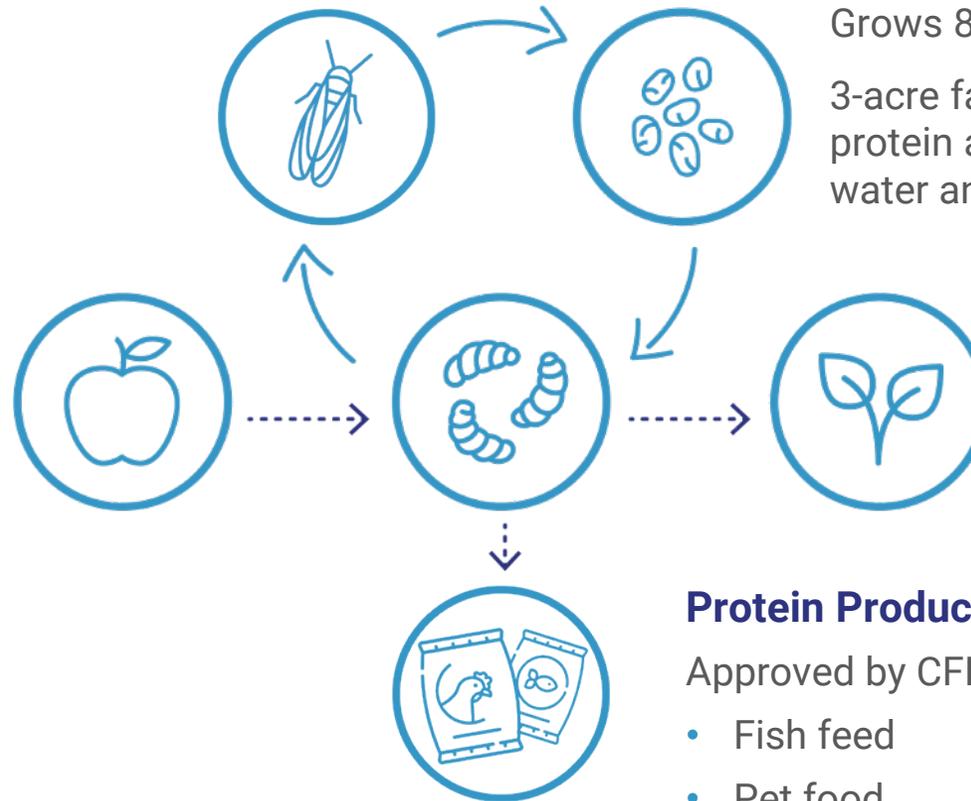
~10 days from egg to harvest weight larvae

Grows 8,000x in 10 days

3-acre facility produces the same amount of protein as 2,500 acres of crops using less water and land

External Input – Local Organic Waste

Highly efficient at converting organics into biomass



Frass Biproduct

Fertilizer and soil amendment

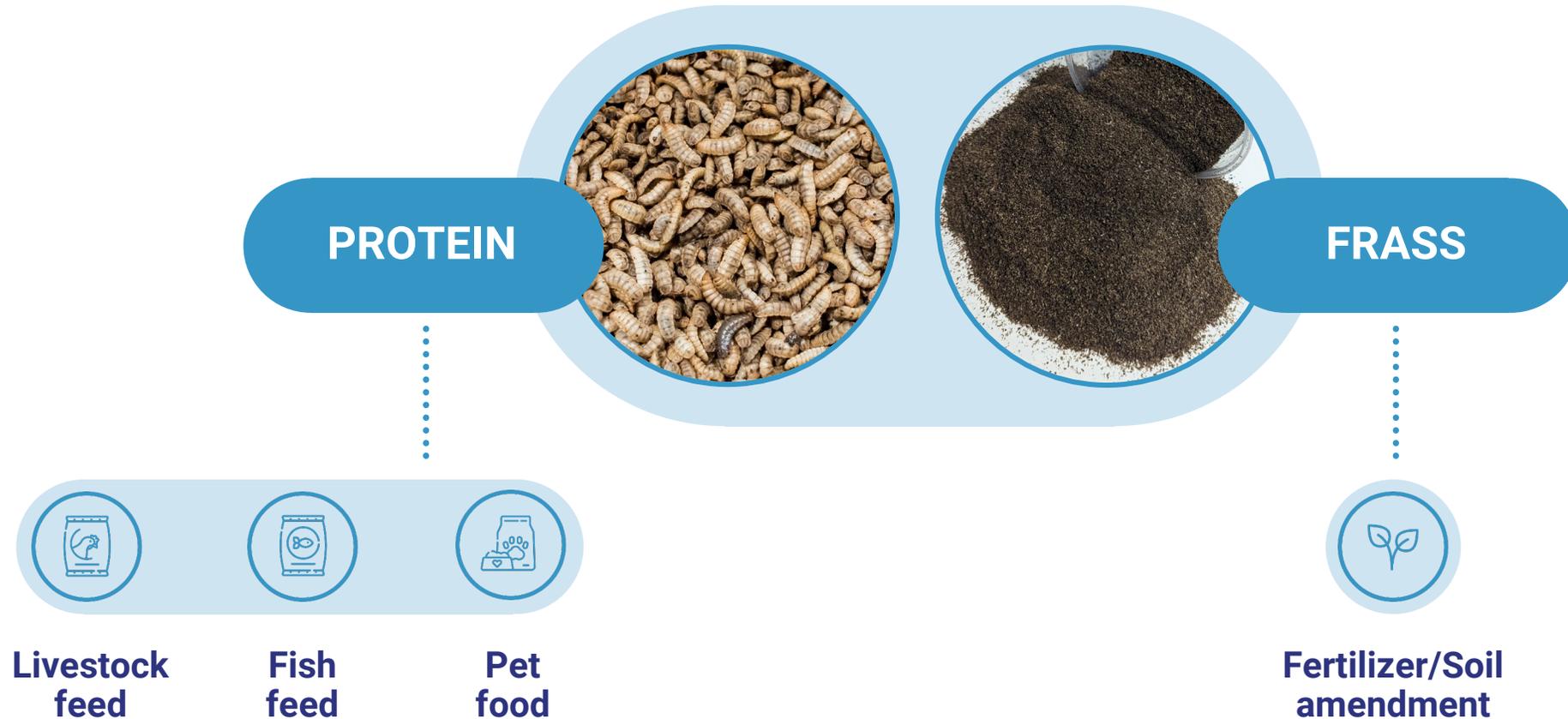
Protein Products

Approved by CFIA and FDA as feed ingredient

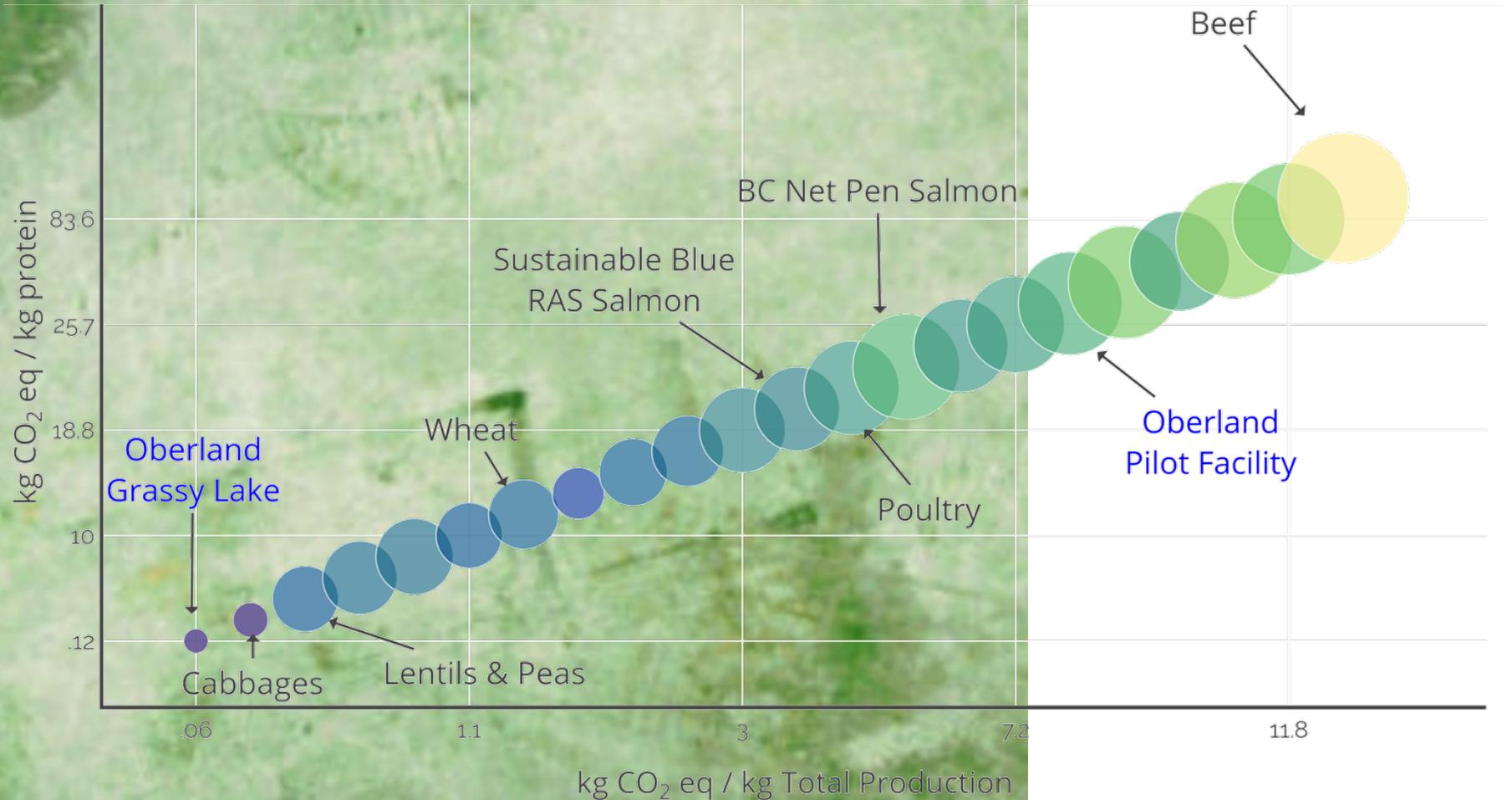
- Fish feed
- Livestock feed
- Pet food

Our Product Channels

FOOD FOR OUR FOOD



Oberland produces protein at the lowest carbon intensity





Grassy Lake Commercial Facility

Designed with high productivity and low impact in mind

- 100% powered by renewables, Fully automated production lines
- 1.5ha facility produces the same as 2,500ha corn/soy
- Upcycling up to 100T/day of organic wastes and by-products
- 3,500T BSFL meal and 9,000T frass per year
- Producing protein at extremely low CO₂ footprint

Ecosystem – Circular Economy



Web Economy



Municipal Waste & Organic Wastes

Ecosystem - Material Cascade

Insect Feed

Salmon Feed

Racks & Viscera

Sustane

OBERLAND
agriscience

smallfood

SUSTAINABLE BLUE

SKALDYR INC.
SINCE 2017

Resin Precursors,
Soil Amendments,
Organics, Fuels

Protein Powder,
Soil Amendments

Single Cell
Protein and Oils

Salmon Fillets
Soil Amendments

Functional Peptides,
Ingredients



Questions