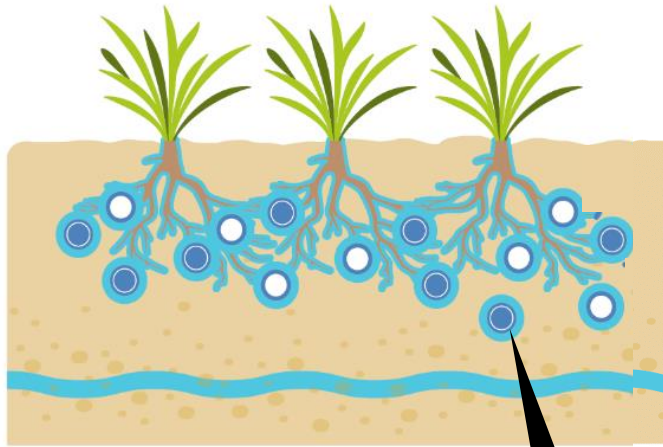


By mixing a foamed glass “Porous Alpha” in the soil, yield increases by 30% along with reducing water by **50%**

How Porous Alpha works?



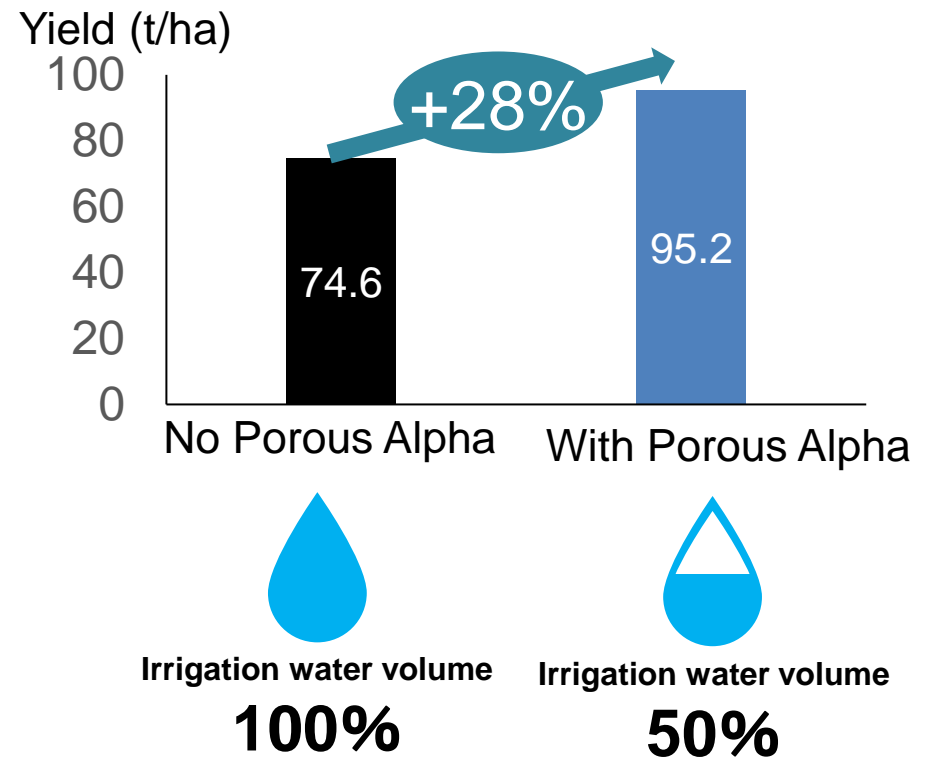
Water and soluble fertilizer are retained in the numerous pores of Porous Alpha



▶ [Filtration test video](#)

Verified result

Test in Morocco for tomato production



Porous Alpha's uniqueness for agriculture application



DURABLE

ONCE INSTALLING, PERFORMANCE LASTS FOR 10+ YEARS W/O MAINTANANCE



SIMPLE

JUST MIX WITH THE SOIL
NO COMPLICATED CALCULATION
NO CHANGE ON THE IRRIGATION SYSTEM



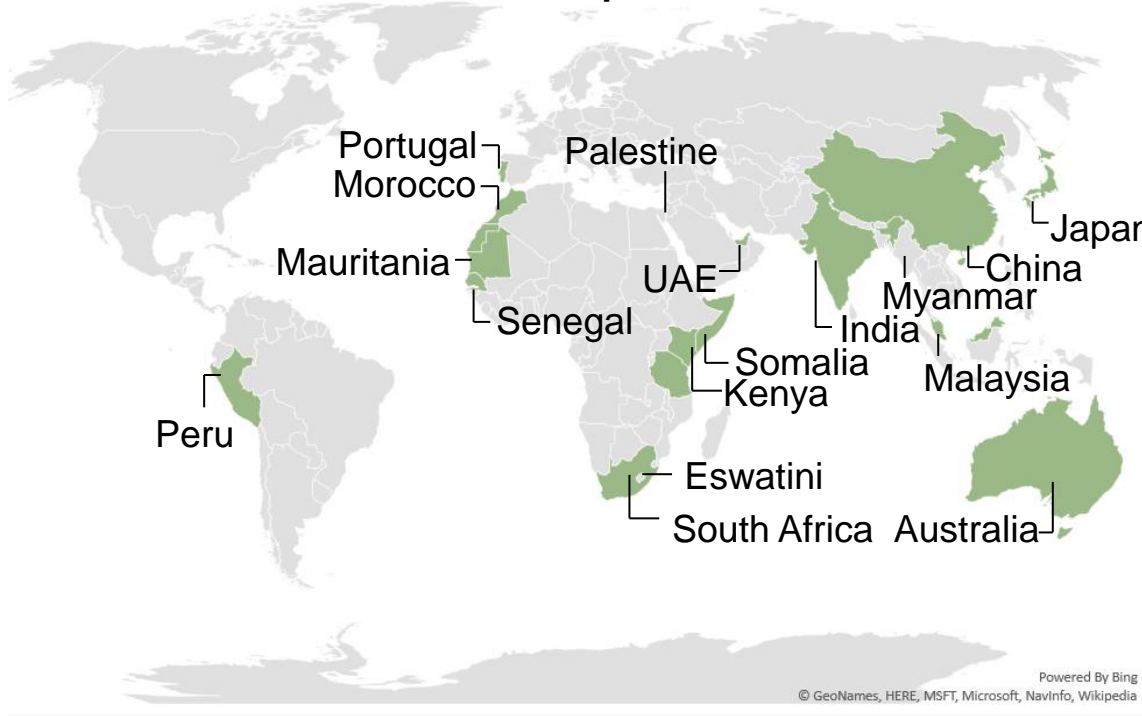
SAFE

NO NEGATIVE IMPACT ON SOIL, PLANT AND FRUIT
COMPLIANT TO JAPANESE ENVIRONMENTAL
REGULATION ON SOIL

Thanks to the product safety and impact, Porous Alpha is installed in various countries & crops for various users, and procured by UNs project such as IOM, UNHCR, WFP

Countries where Porous Alpha have been installed

Crops to which we've been applying Porous Alpha



Vegetables

- ▶ Tomato
- ▶ Cherry tomato
- ▶ Green beans
- ▶ Hot pepper
- ▶ Bell pepper
- ▶ Spinach
- ▶ Cucumber
- ▶ Lettuce
- ▶ Melon
- ▶ Watermelon
- ▶ Sugar beet*
- ▶ Chive*

Fruit trees

- ▶ Kiwi fruit
- ▶ Date palm
- ▶ Oil Palm (nursery)
- ▶ Orange*
- ▶ Peach
- ▶ Apricot*
- ▶ Grape
- ▶ Olive*
- ▶ Blue berry
- ▶ Pomegranate

Cereal

- ▶ Sweet potato
- ▶ Wheat

Others

- ▶ Turf grass
- ▶ Flower (Poinciana)*

*: *Under pilot usage in farmers' field*

Customers, business partners, project partners

International Organization: IOM, UNHCR, WFP

Private: Export-oriented large-scale private farmers, Export-oriented cooperatives, Agri-input distributors

State-owned agency: Japan International Cooperation Agency (JICA), Ministry of Agriculture, Fisheries, Rural Development, Water and Forests of Morocco, Ministry of Agriculture and Irrigation of Peru

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