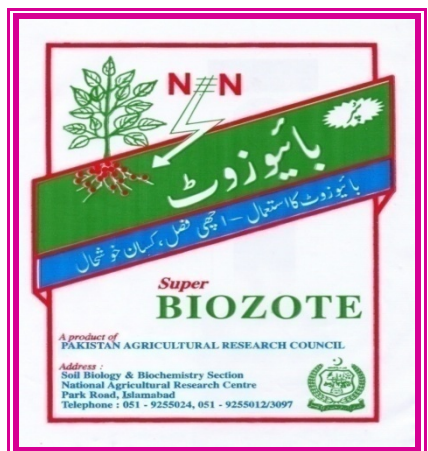


Biozote (Biofertilizer) Potential Input for Soil Productivity & Sustainable Agriculture in Pakistan



Biozote Bag (Front View)



Biozote Vs Control



Farmer's Field day at Washoki Kallan, Hafizabad

CHALLENGE:

The chemical fertilizers, applied in huge amounts to meet the nutrient requirement became very expensive input due to high energy prices in Pakistan. About 30-35% of natural gas is used for local production of chemical fertilizers. This excessive use of chemical fertilizers cause environmental pollution and inhibit growth of beneficial microbes in the soils.

In the light of these problems, we are beginning to see agriculture in a new perspective. The use of organic fertilizers and microbial materials (biofertilizers) is an important part of this new attempt to make agriculture a viable part of a healthy ecosystem.

INTERVENTION:

Land Resources Research institute of NARC/PARC had developed Biozote and introduced throughout in the country for legumes & cereals. The results showed 20-40% increase in yields.

OUTCOME:

- The Punjab Extension Department conducted field trials on chickpea in Thal area and reported 30 - 40% yield increase.
- PARC signed MoU with Engro Chemical (Pvt.) Ltd during 1996 for Biozote promotion & marketing for chickpea in Thal area.