

Please visit our stand at the exhibition area.

Animal Bone bioChar as concentrated organic Phosphorus fertilizer

Biochar is plant and/or animal biomass by-product based stable carboniferous substance with well defined/controlled quality, manufactured under reductive thermal conditions. "ABC" Animal Bone bioChar is made of food grade category-3 bones, having ~30% P₂O₅ nutrient composition with controlled release fertilization effect and applied as organic P fertilizer/ growing media/adsorbent. The ABC is highly macroporous, optimized for significant enhancing of soil microbiological life, having high water holding and macromolecular organic nutrient retention capacity. The high quality output ABC products aiming to reduce the use of mineral fertilizers and intensive chemicals in agriculture; enhancing the environmental, ecological and economical sustainability of food crop production. The ABC is manufactured by the advanced "3R" zero emission carbon refinery technology, which technique and advanced product has been developed under several EU co-financed applied RTD and industrial engineering development programmes since 2002. Since 2011 the REFERTIL project developed a new-generation zero emission industrial scale biochar technology for safe, economical and ecological nutrient recovery process, most importantly Phosphorous, for conservation agriculture. The REFERTIL converted applied Phosphorus recovery science into validated and market competitive technology. The REFERTIL project also provides strong policy support to the European Commission for Fertiliser-Regulation-revision safe biochar/compost products use.

<http://www.refertil.info> Contact: Edward Someus biochar@3ragrocarbon.com

Skype: [edwardsomeus](https://www.skype.com/people/edwardsomeus)

