EXTENSIVE BEDS OF PHOSPHATE IN STATE

However, Geologists Find Product Is of Little Commercial Value.

The "phosphate horizon" of Arkansas is indicated by the direction of the crooked lines in the accompanying map. It is about 40 miles long and extends across the north-central part of the state.

The average person never hears much about a "phosphate horizon," nor does he ever suspect the state's immense wealth. This wealth is being developed, however. George E. Brewer, state geologist, has described the region which lies in the geologic formation that contains beds of phosphate rock.

Phosphate rock is the backbone of fertilizer production, and the industry is the backbone of the agriculture and livestock industry in Arkansas. Moreover, the "phosphate horizon" of the state is a valuable deposit of phosphorus which, when processed, can be used to produce fertilizer.

Brewer, in describing the geologic formation and the deposits, says that the beds of phosphate rock are extensive and contain enough phosphorus to make the state one of the major producers in the world.

Phosphate rock contains phosphorus, calcium, and magnesium, all of which are essential for plant growth. The rock is extracted from the ground and then processed to remove impurities and make it suitable for use as a fertilizer.

The phosphate rock is then ground into a fine powder and distributed to farmers to be applied to their fields. The fertilizer helps plants grow and produce crops, which in turn provide food for people and animals.

The phosphate rock deposits in Arkansas are some of the largest in the world, and they are being developed by several companies. The future of the fertilizer industry and the economy of the state depend on the successful exploitation of these deposits.

In conclusion, the phosphate horizon of Arkansas is a valuable resource that holds promise for the state's economic development. The discovery of this resource has led to the creation of a new industry, which is expected to bring substantial benefits to the people of the state.