

calculated at five percent would be 250,000,000 tons; at nine percent, 450,000,000 tons of oil. Taking an average of the two, the yield would be 350,000,000 tons, and assuming the value of the oil to be fifteen yen a ton, the oil shale contained in the Fushun Mine would bring us Yen 2,250,000,000. This will be a great industrial revolution for us. From the standpoint of national defence and national wealth, petroleum is a great factor. Having the iron and petroleum of Manchuria, our army and navy will become impregnable walls of defence. That Manchuria and Mongolia are the heart and liver of our empire, is a truthful saying. For the sake of our empire, we should be congratulated.

#### AGRICULTURAL FERTILIZER—AMONIA SULPHATE AND OTHER PRODUCTS

Agricultural fertilizer is a great necessity for the production of foodstuff. Chemical fertilizers depend upon the ammonia sulphate extracted from coal. The Fushun coal yields especially good results. At present, our total consumption of ammonia sulphate is 500,000 tons. Of this, only half is manufactured at home, using the coal from the Kailan or the Fushun Mining Companies. The remaining half is imported from abroad at the cost of Yen 35,000,000 a year. With our agricultural work daily increasing and in view of the development of our new empire in Manchuria and Mongolia, we shall easily need 1,000,000 tons of ammonia sulphate every year during the next ten years. From the soot gathered from the burning of Fushun coal connected with the manufacture of steel, we could produce large quantities of ammonia sulphate. If the yield is put at 300,000 tons a year, we shall add an annual income of more than Yen 40,000,000. In fifty years, this will mount up to Yen 2,000,000,000. This money could be used for the improvement of our agriculture. If there is any surplus, we can buy bean-cakes with it and then invade the farms all over China and in the South Sea Islands. In order to accomplish this, we must separate this enterprise from the South Manchuria Railway. We shall then be able to control the fertilizers of the Far East.