



COMPANY ANALYSIS

PAKAR GO GREEN SDN.BHD (PGG)

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EXECUTIVE SUMMARY

Pakar Go Green Sdn Bhd (PGG) is a bumiputera company which focusing on the product for agriculture industry. In this company analysis, it is focusing on the Bamboo Biochar that is produced by Pakar Go Green Sdn Bhd (PGG) to be investigated, identified and analysed along with their current problem and come out with solutions.

According to this company, they use bamboo as biomass to produce biochar. Bamboo can help in soil stabilization but it cannot help to speed up the growth of crop. Thus, as the solution, use palm oil residue and plastic waste as the raw material to produce more quality biochar rather than bamboo. It is because in Malaysia, waste of palm oil such as palm kernel shell and empty fruit bunch is readily available and it rich of carbon content and contain high moisture than bamboo. Therefore, it will help to give nutrient in soil. For plastic waste, it contains high hydrogen reacts as catalyst to speed up the reaction. That means, by using plastic waste it not only gives nutrient toward soil but also help to enhanced the growth of plant

2.3 Products and Services

Table 1 shows product/services provided by Pakar Go Green Sdn Bhd (PGG)

PRODUCT	DESCRIPTION
	<p>Natural PGG Mosquito Killer</p> <p>100% organic product derived from agricultural waste formulated to kill mosquitoes that can be used in fogging mosquito and effective for AEDES.</p>
	<p>Natural, Non-Toxic PGG Cat & Dog Repellent 500ml</p> <p>100% organic product derived from agricultural waste formulated to repel cats and dogs from garden, garbage cans and unwanted area. It comes with trigger spray for convenient handling</p>
	<p>InstanChar Charcoal Briquette (3 kg/pack)</p> <p>InstanChar Charcoal Briquette (biochar) is eco-friendly charcoal from 100% coconut huskbased which gives longer and smokeless burning. This makes it as a good and green heating source for BBQ, grilling and fire camp.</p>
	<p>Instanchar Soil Rich/ Organic Soil Conditioner (100g/pack)</p> <p>InstanChar Soil Rich is a type of biochar (Biocharcoal - 100% bio-based carbon) produced via clean technology.</p>
	<p>Natural PGG Insect Repellent 500ml</p> <p>100% organic product derived from agricultural waste formulated to repel insects (ants, cockroach, grasshopper, caterpillar, ticks, lice and other biting insects) from your plants and surrounding.</p>