

ASX ANNOUNCEMENT

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OHD Stressed Weed Trial Results Released

- Glasshouse trials tested the value of adding OHD (Coal to Liquid Product) to herbicide for control of weeds under moisture stress.
- Monash University trials indicate that adding the OHD product to glyphosate may increase flexibility of summer weed control options through decreased reliance on seasonal weather.
- Further testing to be extended to a mixed weed population in field conditions.

Greengrowth Energy Pty Ltd, a subsidiary of Greenpower Energy Limited (ASX: GPP, Greenpower, the Company) is pleased to provide shareholders with further trial results of the OHD (Oxidative Hydrothermal Dissolution) product on moisture stressed weeds. OHD is Greenpower's patented process of converting coal to liquid for use in the agriculture sector.

Research conducted by Monash University has identified that the addition of OHD liquid to glyphosate, a common broad spectrum herbicide, increases the effectiveness of weed control of windmill grass and fleabane flaxleaf under water stressed conditions.



Fig 1. Fleabane Flaxleaf Weed

Moisture-stressed (MS) weeds are difficult to control as the efficiency of the herbicide is reduced due to decreased uptake by the plant. They are costly to control in terms of labour, herbicide and adjuvant products due to recommendations for control being to apply products at higher rates, more frequently. This means that most summer weed control is limited to periods following rainfall, when weeds are actively growing. If not controlled, weeds deplete soil of nutrients and moisture, potentially reducing the yield of the following crop.

According to Greenpower Managing Director Cameron McLean, this could be a game-changer for summer weed management. ***"Weed control is the second most important element of agronomic management (after yield), especially in these times of increased resistance of weeds to common herbicides. These trials show that using OHD, farmers may be able to manage summer weeds regardless of soil moisture status. This is significant as herbicide efficacy is generally poor when weeds are water stressed."***



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About Greenpower Energy Limited

Greenpower Energy Limited ("GPP") is a listed ASX company with a focus on battery mineral project development and innovative green application of coal in the agriculture market. Current projects include Lincoln Springs Copper Cobalt Project in Nth Qld, Julia Creek Vanadium Project in Nth Qld, Ashburton Cobalt Project in WA. Greenpower is developing its OHD project for the use of coals to liquid in a range of agriculture use.

About OHD

The OHD process converts carbonaceous material into organic compounds. (The scientific basis of the process is described and elaborated in USA Patent PCT/210/0233886, dated August 19, 2010). Many of these products are potentially useful for producing fine chemicals, specialty chemicals, commodity chemicals, agricultural bio stimulants and bio-diesel. Since 2015, Greenpower has engaged Monash University in Melbourne to conduct trials using the liquid mixture resulting from the conversion, in the emergent weak solution, without further refining or concentrating, as a plant growth bio-stimulant. Greenpower retains the exclusive OHD rights to the Australian and New Zealand Market for the next 15 years where thus far it has spent in excess of \$4.5 million on developing and testing (research & extraction) the OHD project in conjunction with US-based partner Thermaquatica Inc. and Monash University. Further information on OHD can be found at www.greenpowerenergy.com.au