



## PLANT SENSORY SYSTEMS RECEIVES GRANT FROM DOE TO INCREASE SEED OIL PRODUCTION

BALTIMORE, Maryland (August 15, 2009) – Plant Sensory Systems, LLC, announced today that they received a Small Business Innovation Research (SBIR) Phase II grant from the United States Department of Energy (DOE). The grant of \$741,412 will help support the R&D effort of Plant Sensory Systems in increasing seed oil using their Metabolic Regulators technology. Dr. Frank Turano, Chief Research Officer of Plant Sensory Systems, says “In this Phase II project the technology will be introduced into canola, the most productive *Brassica* crop in North America, and camelina, which is a non-food, high-oil, alternative-energy crop.” Oilseed crops with high oil content can be used to produce biodiesel, an alternative diesel fuel. Biodiesel has less carbon emissions compared to fossil fuel and has a high net energy gain. One of the largest consumers of diesel fuel in the US is the Department of Defense. Increased and sustainable production of seed oil will help create a viable biodiesel industry and promote energy independence.

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