

News Release

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SPRAY TARGET, QUI BUI NAMED WINNER OF ENGINEERING INNOVATION AWARD

Photo available on request

ST JOSEPH, MICHIGAN—The American Society of Agricultural and Biological Engineers has recognized Qui Bui and Spray Target, Rosemount, Minnesota, with the 2007 ASABE Rain Bird Engineering Concept of the Year Award for the VariTarget™ spray nozzle. The award, endowed by Rain Bird International, honors an engineer or engineering team for a unique contribution to developing or advancing a new engineering concept.

The award was presented June 20, at the 2007 ASABE Annual International Meeting in Minneapolis, Minnesota.

VariTarget™, a spray nozzle with variable flow rate and droplet optimization its new and innovative concept of a variable flow rate nozzle invaluable to precision applications of pesticide and fertilizer. The nozzle was developed as a method for maintaining uniform droplet size over several flow rates by using a simple but innovative variable orifice nozzle design for chemical application. In conventional fixed-orifice designs, droplet size varies with change in pressure and flow rate, increasing the potential for drift when droplets become too small and reducing efficacy of application when droplets become too large. By maintaining uniform droplet size, the nozzle eliminates the need to use several different orifices when flow rates change, saving time in application and reducing the potential for off-target drift.

ASABE member Quy D. Bui, president and founder of Spray Target, has more than 27 years of experience in the design and development of spray nozzles and spraying systems for agriculture, industry, and the oil burner industry. VariTarget earned a 2005 AE50 award for SprayTarget and its developer. Bui and SprayTarget have received two additional AE50 recognitions, in 2006 and 2007. Bui holds four patents for his work.

The American Society of Agricultural and Biological Engineers is an international educational and scientific organization dedicated to the advancement of engineering applicable to biological, agricultural, and food systems. Founded in 1907 and headquartered in St Joseph, Michigan, ASABE comprises nearly 10,000 members representing more than 100 countries. Further information on ASABE can be obtained by contacting the Society at (269) 429-0300 (phone) or (269) 429-3852 (fax); hq@asabe.org. Details can also be found at <http://www.asabe.org>.