



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_23785
Title of the Manuscript:	Evaluation of the Spray Droplet Size Spectra of Drift-Reducing Agricultural Spray Nozzle Designs
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	This study was conducted with the aim of determining median droplet diameters of five different spray nozzles, design specifications of which are different. The droplet diameters, which were Dv0.10, Dv0.50 and Dv0.90 measured using the laser diffraction sensor were determined at two different operational pressures of 207 kPa and 414 kPa. As expected, droplet data obtained from the higher operational pressure decreased in regard to the lower pressure and output obtained of this study were found compatible with the literature data. Although the relative span factor data were given at Table 1 and Table 2, in the discussion section, no explanatory information about RSF were declared. Particularly, RSF data of TTI 11002 at operating pressure of 414 kPa was higher than that of the 207 kPa. While the spray droplet diameter of TTI nozzle produced at 414 kPa decreased, RSF data increased. It will be useful that the author give information about the interaction between RSF and operating pressure for the TTI nozzle.	
Optional/General comments		

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