



CRP: "Development of mass rearing for New World (*Anastrepha*) and Asian (*Bactrocera*) fruit fly pests in support of sterile insect technique (SIT)

The following research results were published in conjunction with this CRP:

Juan Rull, Francisco Diaz-Fleischer and Jose Arredondo 2007. Irradiation of *Anastrepha ludens* (Diptera: Tephritidae) Revisited: Optimizing Sterility Induction. *J. Econ. Entomol.* **100**(4): 1153-1159.

Juan Rull and Abraham Barreda-Landa 2007. Colonization of a Hybrid Strain to Restore Male *Anastrepha ludens* (Diptera: Tephritidae) Mating Competitiveness for Sterile Insect Technique Programs. *J. Econ. Entomol.* **100**(3): 752-758.

Raimundo Braga Sobrinho, Jorge Anderson Guimarães, Antônio Lindemberg Martins Mesquita and Karla Lúcia Batista Araújo 2009. Desenvolvimento de Dietas para a Criação Massal de Moscas-das-Frutas do Gênero *Anastrepha* (Diptera:Tephritidae). Accepted for publication in: *Boletim de Pesquisa e Desenvolvimento* **33**. Embrapa Agroindústria Tropical, Fortaleza, CE, Brasil.

Chang, C.L., Vargas, R.I., Jang, E.B., Caceres, C., and Cho, I.K. 2006. Development and assessment of a liquid larval diet for *Bactrocera dorsalis* (Hendel) (Diptera: Tephritidae). *Ann. Entomol. Soc. Am.*, **99**(6):1191-1198. 2006.

Ekesi, S., Nderitu, P.W., and Chang, C.L. 2007. Adaptation to and small-scale rearing of the invasive fruit fly *Bactrocera invadens* (Diptera: Tephritidae) on artificial diet. *Ann. Entomol. Soc. Am.*, **100**(4): 562-567.

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Chang, C. L., Caceres, C., and Ekesi, S. 2007. Life history parameters of *Ceratitis capitata* (Diptera: Tephritidae) reared on liquid diets. *Ann. Entomol. Soc. Am.* **100**(6):900-906.

Chang, C. L., and McInnis, D. O. 2008. Mating competitiveness of the adult oriental fruit fly reared as larvae in liquid vs. those raised on standard wheat-based diets. *J. Appl. Entomol.* **132** (2008) 806–811.

Chang, C. L., Cho, I. K., and Li, Q. X. 2009. Insecticidal Activity of Basil Oil, *trans*-Anethole, Estragole, and Linalool to Adult Fruit Flies of *Ceratitis capitata*, *Bactrocera dorsalis*, and *Bactrocera cucurbitae*. *J. Econ. Entomol.* **102**(1): 203.

Chang, C. L. 2009. Fruit fly liquid larval diet technology transfer and update. *J. Appl. Entomol.*, 133: 164-173.

Chang, C. L. 2009. Evaluation of yeasts and yeast products in larval and adult diets for the oriental fruit fly, *Bactrocera dorsalis*, and adult diets for the medfly, *Ceratitis capitata*, and the melon fly, *Bactrocera cucurbitae*. *Journal of Insect Science*: Vol. 9| Article 23.

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