

Compatibility of Kudos OD with Fungicides Applied to Peanut in North Carolina **D. JORDAN*** and E. FOOTE, NC State Extension, Raleigh, NC 27695

Prohexadione calcium is used to minimize excessive vine growth of peanut and to facilitate efficient digging and vine inversion. Historically, dry formulations of prohexadione calcium (Apogee, Kudos, Cryova) have been used in peanut for this purpose. A new formulation, Kudos OD, is now registered for use in peanut. Preliminary research in North Carolina suggests that some fungicides co-applied with Kudos OD can increase leaf burn. Although variation in response was observed in these trials, Provost Silver and Miravis plus Elatus caused significant leaf burn while other fungicides caused relatively low but noticeable leaf burn (chlorothalonil plus tebuconazole, Lucento, Revytek). Additional research is needed to define interactions of Kudos OD with fungicides, insecticides, herbicides, and foliar-applied micronutrients. This is especially the case regarding adjuvant selection for this liquid formulation.