

Prohexadione calcium (Apogee or Kudos) is applied at least once by about 50% of growers in North Carolina. I have included some images of when the first application should be made. Nitrogen (UAN or AMS) is critical to have in the tank. Crop oil concentrate can help in some cases. Many years ago, we found that the consistency of Apogee was greatest when applied with nitrogen and crop oil concentrate. However, in many trials nitrogen only was just as effective as nitrogen plus crop oil concentrate. Using only nitrogen might give you the greatest flexibility if you are mixing with other pesticides.

With respect to these images, the pace at which laterals meet will vary by weather (temperature and rainfall.)

Prohexadione calcium should be applied at this stage of growth.





Prohexadione calcium should be applied in about 3 days.





Prohexadione calcium should be applied in 5-7 days





Many fields will have sections that have lapped and others that have not. My recommendation is to apply Prohexadione calcium on the late side if a considerable amount of the field has not lapped. If we stop the growth too quickly, yields could be lower because plant biomass is not optimized in terms of ground cover. In this image, I would wait a few more days. Sometimes there is a gap between planter passes depending on row markers. For example, a gap between row 8 of a pass and row 1 of the next pass (8-row planter) may never meet. Consider what is going on across all 8 rows within the planter pass.

