Effect of Ethrel (R) on Drying Time and Kernel Moisture Content of Payne Walnut

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Ethrel (R) applied to Payne walnut at maturity and one week prior to normal harvest resulted in higher kernel moisture than untreated controls harvested on the same date. These data based on kernel moisture alone, do not support the observation of decreased drying time due to Ethrel (R) application. Other factors may be involved.

Weight Change of Bulk Payne Walnuts Following Dehydration

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Payne walnuts were dehydrated to kernel moistures of between 4 and 7 percent then placed in two trailers and stored either outside or under a shed and total weight changes measured at 0, 3, 6, 9, 24, and 48 hours following dehydration. Within the 48 hour period of time the open trailer lost 90 pounds and the covered trailer 120 pounds in weight. Moisture measurements made of kernels and shells from samples taken at each weighing interval did not account for the weight loss. This test will be expanded in the 1975 season.