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KANSAS BULLETIN NO. KS210-12-1

SUBJECT: ENG–Variance to Conservation Practice Standard 441, Irrigation System, Microirrigation

Purpose. To provide a variance to the 1.5 feet per second flushing velocity for microirrigation systems

Expiration Date. September 30, 2013

The current Kansas Conservation Practice Standard (CPS) 441, Irrigation System, Microirrigation, requires a minimum flow velocity of 1.5 feet per second during flushing. Although research has shown that 1.5 feet per second does a better job of flushing microirrigation laterals, a minimum velocity of 1.0 foot per second is adequate and will achieve the intended purpose of removing sediment and other material from the lines. Also, the slower velocity may allow for smaller mains and submains. Therefore, until the Kansas CPS is revised, a variance is granted to use a minimum flow of 1.0 foot per second for the flushing of microirrigation systems.

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(signed)

ERIC B. BANKS
State Conservationist

DIST: A, F, ENG