

Submitted 8/12/2022

A proposed additional BMP practice
For Category 2, Farm Irrigation
Systems

This new BMP practice would be numbered BMP 2.6. All current BMP practices in category 2 past 2.6 would be increased by .1 to reflect this insertion.

New BMP 2.6: Uniform slope systems with either tailwater reuse or within an irrigation district that captures and redistributes return flow and uses polyacrylamide in applied irrigation – (2 Points)

Definition: Sloped fields that have been engineered to uniform grades with either a constructed recovery system that allows for the reuse of water that runs off the end of the field after an irrigation event or having an irrigation district to collect the water that leaves a farm field after an irrigation event for distribution to another farm field. In addition, irrigation efficiency is improved by applying polyacrylamide to the irrigation water. This compound is a flocculating agent which removes suspended soil from the water and allows the soil to stay in place, reducing soil erosion in the furrow or border and improving the soil uptake of water.

With the inclusion of this new BMP 2.6, a corresponding modification to the existing BMP 4.10 will be the addition of a sentence at the end of the current definition as follows:

If in Category 2 the practice BMP 2.6 was selected, then this practice of application of polyacrylamide may not be used here as a practice in Category 4.