



## Conservation Practice Overview

September 2020

### Anionic Polyacrylamide (PAM) Application (Code 450)

The application of anionic polyacrylamide helps to reduce irrigation-associated erosion and may be used in areas where disturbance activities prevent establishment or maintenance of a cover crop.

#### Practice Information

Polyacrylamide (PAM) application is used on irrigated lands susceptible to irrigation-induced erosion where the sodium adsorption ratio of irrigation water is less than 15.

It is also used in critical areas where the timely establishment of vegetation may not be feasible or where vegetative cover is absent or inadequate, or areas where plant residues are inadequate to protect the soil surface from wind or water erosion.

This practice does not apply to soils with peat or organic matter surface horizons and does not apply to the application of PAM to flowing, nonirrigation waters.

#### Common Associated Practices

NRCS Conservation Practice Standard (CPS) Anionic Polyacrylamide (PAM) Application (Code 450) is commonly applied with conservation practices such as CPSs Sprinkler System (Code 442) and Irrigation System, Surface & Subsurface (Code 443).

For further information, contact your local NRCS field office.

