

## Standards subcommittee

### *Recommendations*

*(a) We recommend the establishment of an appropriate pilot agricultural PM monitoring network that represents the five major crops in the US, corresponding soil factors, climate zones and cropping practices (e.g., tillage, irrigation).*

*Such an effort should be coupled to other ongoing programs that address agriculture related PM.*

*A future consideration in the overall PM monitoring program should be the inclusion of characterizing the role of animal agriculture.*

*(b) To obtain the true concentrations of PM 2.5 from PM10 values, we recommend that a co-linearity (similarity in behavior) in the concentrations and elemental ratios of coarse (PM 10-2.5) and fine (PM2.5) particles be demonstrated at sufficient number of locations representative of the agricultural region under consideration.*

### *Recommendations*

*(c) We recommend that discreet measurements of the chemical composition of fine (PM2.5) and coarse (PM10-2.5) particles be made to apportion the contribution of specific sources to the general air quality and to the implementation of regulatory policies germane to agriculture.*

*(d) In regard to recommendation (c) we strongly support the need to understand the conditions and source strengths that govern exceedences of PM air quality regulatory standards. For example, wood burning during the cold season or fugitive dust during the dry season.*