ABSTRACT

This paper objected which prevented the accident occurrence of the related farm work, and developed the evaluation indicators for safety supervision on life environment of farmer and farm work to evaluate the health of farm worker and a musculoskeletal disorders. We selected the evaluation item to 82 items for executing the secondary Delphi investigation and the literature research which composed the farm work relationship specialist conference. We applied the index production of the evaluation indicators to decide the detailed element weight from the element which is farm work, the farm machine and the organization, farm workshop, dangerous substance, and life environment through the AHP techniques. Through the result, we can apply other ergonomic evaluation instrument of farm work field, but also the evaluation indicators for safety supervision on farm work.

Keyword: AHP, Farm Work, Life Environment, Evaluation Indicators, Safety Supervision