

ABSTRACT FOR THE AGRICULTURAL HEALTH AND SAFETY IN A NEW CENTURY. NIOSH AGRICULTURAL HEALTH AND SAFETY CONFERENCE; 2000 APR 28-30; COOPERSTOWN, NY.

A SYSTEMATIC REVIEW OF FARM SAFETY EDUCATION INTERVENTIONS.  
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The objective of this study was to review the evidence for the effectiveness of farm safety education. We searched Medline, Embase, ERIC, PsycInfo, Sociofile, NTIS, Expanded Academic Index, Dissertation Abstracts, NIOSHTIC, and technical papers of the National Institute for Farm Safety. Papers had to involve a farm safety education intervention to be included. All study designs were accepted. We identified 24 studies for the review; eleven involved farm safety education interventions, five multifaceted interventions that included environmental revisions and/or a farm visit, and eight described farm safety interventions but did not report results from an evaluation. Farm safety education interventions included safety fairs, day camps, certification programs, workshops, and courses for farm families, youth, and agricultural workers. Multifaceted interventions generally involved farm safety audits, followed by environment or equipment changes, and/or safety education. Program evaluations assessed changes in safety attitudes, knowledge, and/or behaviors and generally involved pre- and post-test methodology. Only three studies examined changes in the incidence of farm injuries. Most studies reported positive changes following the interventions. However, methodological problems make the results difficult to interpret. There is a need for more rigorous evaluations of farm safety education programs.

Education, evaluation, intervention