



ARKANSAS DEPARTMENT OF AGRICULTURE



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Final Report-SGA 21-800

Project: Abandoned/Outdated Agricultural Pesticide Collection and Disposal

The Abandoned Pesticide Disposal Program was established to provide Arkansas farmers, landowners, and private applicators a way of disposing unwanted and unusable pesticides anonymously and free of charge. Pesticide Disposal is costly for farmers and applicators. The purpose of the program is to help prevent or reduce pesticides exposures to the environment and human health by supporting safe disposal of pesticides and their containers. Failure to store unwanted/unusable pesticides safely and dispose of them properly may result in impacts to the environment and human health.

Project Goal:

The project goal was to remove unwanted pesticides from the environment and dispose of in a safe manner to prevent non-point source pollution.

Due to the increasing popularity of the program and the increased cost to dispose of waste, the program's operating costs have increased. The Abandoned Pesticide Advisory Board (Board) approved the addition of satellite collection events to service counties in high agricultural use areas. The grant provided funding support to allow additional collection events in high agricultural use areas and assist with increasing operational costs.

Project Outcomes:

The ADA-PID and Board facilitated the program with the selected Hazardous Waste Contractor to remove unwanted pesticides from the environment and dispose of in a safe manner.

The Abandoned Pesticide Advisory Board met October 2021 and August 2022. The Board approved the selection of Hazardous Waste Contractor, Clean Earth Environmental Solutions. The Board approved program financials and collection event schedule.

November 2021, the ADA-PID coordinated 6 Joint Abandoned Pesticide Collections. These collection events were provided for residents 12 participating counties that include two NPS priority watersheds (Poteau River and Lake Conway/Point Remove). In total, 39,113 pounds of unwanted pesticide was collected from the 6 events and properly disposed of through the program.

County	Total Weight in Pounds
Conway/Van Buren	14,000
Searcy/Stone	15,681
Scott/Yell	922
Pope/Johnson	3,370
Crawford/Sebastian	4,896
Franklin/Logan	195
Total for Collection Event:	39,113

April 2022, the ADA-PID hosted 3 joint county pesticide collection events. These events serviced counties which included Sevier/Little River, Howard/Pike, and Polk/Montgomery which include the Lower Little River which is a state NPS priority. A total of 4,826 pounds of pesticide waste was collected and properly disposed of through the program.

County	Total Weight in Pounds
Sevier/Little River	581
Howard/Pike	447
Polk/Montgomery	3,798
Total for Collection Event:	4,826

November 2022 the ADA-PID coordinated 5 Abandoned Pesticide Collection events. These collections serviced 9 participating counties which included portions of two state NPS priority watersheds (Strawberry River and Upper Saline River). In total, 361,266 pounds of unwanted pesticide was collected from the 5 events and properly disposed of through the program.

County	Total Weight in Pounds
Saline/Grant County	79,132
Hempstead/Nevada County	7,623
Hot Spring/Garland County	39,643
Miller/Lafayette County	14,504
Lawrence County	220,364
Total for Collection Event:	361,266

A total of **405,205** pounds of unwanted pesticide waste was collected from 27 participating counties during the project.

ADA-PID staff oversaw each collection event. Local county governments, county Farm Bureau and Cooperative Extension Services assisted in outreach and education on the Abandoned Pesticide Collection program in their respective counties. The hazardous waste contractor, Clean Earth Environmental Solutions, collected the pesticide waste and disposed of according to State/Federal regulations.

Summary of Project Funds:

Project Payments:

Description	Number of Units	Total Cost
Fall 2021 Events	12	\$38,355.22
Spring 2022 Events	6	\$8,876.61
Fall 2022 Events	9	\$123,768.17
	Total Project Cost:	\$171,000.00

Project Match:

Description	Number of Units	Total Cost
Fall 2021 Events	12	\$28,934.64

Spring 2022 Events	6	\$6,696.40
Fall 2022 Events	9	\$356,111.62
	Total Project Cost:	\$391,742.66

Collection Site Photos:





Submitted: January 12, 2023
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