

## Palmer Amaranth Action Plan Template

**This is just a guide to help those that need it if palmer is found. Each county should tailor it to their needs. It is encouraged to work together with County Agents and Weed Officers.**

### Landowner

1. Landowners should scout fields starting in late spring through summer and fall, especially before harvest.
2. When a suspicious plant is found, contact your county extension agent or county weed officer.
  - Mark/flag the location and leave the plant in place to not spread seed. It is also easier to identify if it hasn't been pulled.
3. The county weed officer will work with the NDSU extension agent to:
  - Gather photos and information to send to NDSU weed specialist(s) for confirmation or ruling out PA.
  - Develop an action plan with a NDSU specialist if PA is confirmed.
4. Landowners should hand pull, bag on site and destroy confirmed PA plants.
5. PA plants should be burned or deeply buried to prevent movement of seed.
6. Landowners should work with their county weed officer and continue to survey the field for a period of 3-5 years post removal to verify no additional PA is found.

### Weed Officer & Extension Agent

1. Suspicious plant is found.
2. Take pictures and mark the location.
3. Individual contacts the County Weed Officer or County Extension Agent.
4. The Weed Officer and Extension Agent will work together by providing information to a NDSU Specialist(s) to identify suspect plant.
5. NDSU and the County Weed Officer confirm it is/is not PA.
  - NDDA should be contacted if it's confirmed.
6. NDDA notifies State Seed Department.
7. The County Weed Officer and NDDA should lead the investigation while NDSU may assist the farmer to identify how widespread the infestation is, how it got there, etc.
8. NDSU Specialist(s), County Weed Officer, and NDDA will work with the landowner to develop an action plan.
9. NDSU and the County Weed Officer will follow up with landowner after initial action plan has been completed.
10. The County Weed Officer should keep records and maps to continue follow up with landowner and survey the field for a period of 3-5 years post removal to verify no additional PA is found.

### NDSU Specialists for ID and action plans include:

Brian Jenks, Minot; Tom Peters, Fargo; Kirk Howatt, Fargo; Greg Endres, Carrington; Caleb Dalley, Hettinger; Joe Ikley, Fargo

### Acronym Guide

PA: Palmer amaranth

NDSU: North Dakota State University

NDDA: North Dakota Department of Agriculture

**Contact Links:**

- County Extension Agent:
  - <https://www.ag.ndsu.edu/extension/directory/counties>
- County Weed Officer:
  - <https://www.nd.gov/ndda/sites/default/files/resource/Weed%20Board%20Directory%20-%20public.pdf>
  - [www.nd.gov/ndda/pa](http://www.nd.gov/ndda/pa)

**Genetic testing link:**

- University of Illinois Plant Clinic:
  - <https://web.extension.illinois.edu/plantclinic/submitsample.cfm>
- National Agricultural Genotyping Center (Fargo, ND):
  - <https://www.genotypingcenter.com/services/testing/>