

Palmer Amaranth (PA) Action Plan

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.
 - (List the agent/officer contact info for each Area district below)
 - 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) in the ruling out of PA.
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 and State Seed Dept. are there to assist the farmer on how widespread the infestation is, probable pathway, etc.
8. NDSU Specialist(s), County Weed Officer, and NDDA will develop an action plan for the individual.
9. NDSU and the County Weed Officer will follow up with individual 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:

- 1) Brian Jenks, Minot
- 2) Tom Peters, Fargo
- 3) Kirk Howatt, Fargo
- 4) Joe Ikley, Fargo
- 5) Greg Endres, Carrington
- 6) Caleb Dalley, Hettinger