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Worker Protection Standard, Application Exclusion Zone (AEZ) decision matrix

When pesticide applied:
- Aerially
- OR Air Blast Spray
- OR Spray Quality* is smaller than Medium

YES → Using a pesticide that requires a respirator

- **YES** →
  - 150' AEZ
  - 15 minute waiting period for AEZ
  - Must evacuate AEZ
- **NO** →
  - 100' AEZ
  - May evacuate or stay in AEZ
  - 15 minute waiting period for AEZ

NO ↓

When pesticide applied:
- NOT Aerially
- NOT Air Blast Spray
- AND Spray Quality is Medium or Larger
- AND more than 12" from planting medium

YES →
- 25' AEZ
- May evacuate or stay in AEZ

NO ↓

Otherwise:
No AEZ required

→ **Examples:**
- Less than 12" from planting medium
- Granular, soil incorporated pre-planting
- At-plant applications
- Spray Quality of Medium or Larger

*Spray quality: (as defined by the American Society of Agricultural and Biological Engineers Standard S-572.1) considers several factors including the nozzle design, system pressure, and speed of the application equipment. See https://osha.oregon.gov/OSHARules/adopted/2018/ao2-2018-ltr-WPS-AEZ.pdf

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