



Pyrinex[®] 480 EC

Chlorpyrifos



Insecticide

Flexible, broad-spectrum insect control in cereals, canola and many other crops

Active ingredient: Chlorpyrifos

Chemistry group: Group 1B

How it works: An organophosphate insecticide that controls insects through contact, ingestion and vapour inhalation.

Registered crops:

- Canola
- Cereals (wheat, barley and oats)
- Corn (field and sweet)
- Flax
- Lentil
- Potato
- Sunflower
- Wide variety of specialty crops

Pyrinex is registered on almost 30 crops; refer to the label for more information.

- Asian radish (Lo Bok, Daikon)
- Brussels sprout
- Cabbage
- Canola
- Carrot
- Cauliflower
- Celery
- Cereals (wheat, barley and oats)
- Chinese broccoli
- Chinese cabbage
- Corn (field and sweet)
- Cucumber
- Filbert
- Flax
- Forest (lodgepole pine)
- Garlic
- Green pepper
- Lentil
- Onion (bulb and pickling)
- Pak choi
- Potato
- Radish
- Rutabaga
- Strawberry
- Sugar beet
- Sunflower
- Tobacco

Key insects controlled:

- Bertha armyworm
- Cutworms
- Diamondback moth larvae
- Grasshoppers
- Lygus bug
- Wheat midge

Other insects controlled:

- Alfalfa looper
- Armyworm
- Brown wheat mite
- Cabbage maggot
- Colorado potato beetle (larvae)
- Filbert aphid
- Mountain pine beetle
- Onion maggot
- Potato flea beetle
- Russian wheat aphid
- Seed weevil
- Tarnished plant bug

Application timing and crop staging: The need and timing of application should be based on the presence of pests at vulnerable developmental stages and significant populations as determined by local monitoring. Consult label for specific crop and insect timing.

Application rates and packaging:

Common field crop rates:

- 234–600 mL/ac or 42 to 17 ac/10L jug: consult the label for specific application rates
- 2 x 10L jugs/case

Water volume:

- Ground: 20–80 L/ac
- Air: 4–12 L/ac





Rainfastness: 4 to 6 hours

Registered and supported tank mixes: Pyrinex can be tank-mixed with the herbicides listed for wheat, oats and barley. When tank-mixing Pyrinex, first add the herbicide to the spray tank and then add the Pyrinex.

- 2,4-D amine
- 2,4-D ester
- Avenge[®]
- Banvel[®] plus 2,4-D amine
- Buctril[®] M
- MCPA amine
- MCPA ester

Mixing instructions:

1. Fill spray tank with water to 2/3 of final spray volume
2. Add required amount of Pyrinex with agitation
3. Fill tank with water to the final desired volume
4. Keep agitator running during mixing and application

Crop rotations: No restrictions the following year

Pre-harvest interval:

- Canola: 21 days
- Cereals (wheat, barley and oats): 60 days
- Corn (field and sweet): 70 days
- Flax: 21 days
- Lentil: 21 days
- Potato: 7 days
- Sunflower: 42 days
- Consult label for further PHI on special crops

Grazing restriction: Cereals grown for cover crop treated with Pyrinex 480 EC insecticide should not be harvested for human or animal consumption within 60 days of application

Storage:

- Do not store near heat or open flame
- Avoid storage at high temperatures
- Do not freeze

Quick tips:

- Avoid application under hot temperatures
- Best results will be obtained for wheat midge and cutworms when application is made in evening (after 7 p.m.) or morning (before 8 a.m.)
- Use sufficient water to give thorough coverage of the intended soil, plant or pest target

