

Handle Chemicals Safely

Chemicals used in agricultural sprayers are among the most toxic substances known. Minute quantities can contaminate clothing, machinery, the workplace and the environment, and have long-term, lasting effects.

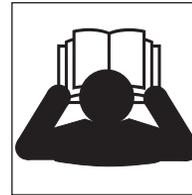
⚠️ WARNING! Always wear PPE and follow safe handling procedures as recommended by the chemical manufacturer. Failure to wear proper PPE could result in serious injury or death.

Always follow all label directions for effective, safe, and legal use of agricultural chemicals. Reduce risk of exposure, injury and death:

- Do not breathe, touch or ingest chemicals.
- Fill, flush, calibrate, and decontaminate sprayer in an area where runoff will not reach ponds, lakes or streams, livestock areas, gardens, or areas near other people.
- Keep children away from chemicals, chemical solutions and rinsates.
- If spray or chemical concentrate contacts skin, hands, or face, wash immediately with soap and water. If spray or chemical concentrate gets into eyes, flush immediately with plenty of water for 15 minutes. Seek medical attention immediately.

Read and follow all instructions in:

- Manufacturer's label for each chemical applied.
- U.S. Environmental Protection Agency (USEPA) Worker Protection Standard for Agricultural Pesticides, or international regulations for agricultural pesticides.
- State or regional guidelines for worker safety and health.
- Manufacturer's operating manual for this machine.



Read and Understand All Chemical Handling Instructions



Avoid Inhaling Chemicals

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- If nozzle clogs or system malfunctions, stop engine and relieve spray pressure from system.
- Do not place your mouth on nozzle tips or other components to clear obstructions. Keep spare tips available for replacement.
- Minimize risk of spray drift by following chemical manufacturer's instructions.
- Avoid spraying while making tight turns or 180° turns, as such turns can change the spray pattern and application rate.
- Do not operate solution delivery system at pressures exceeding equipment or chemical manufacturer's specifications.
- Apply chemicals only in calm wind conditions, unless the equipment or chemical manufacturer specifically approves application at higher wind speeds.
- Do not spray when wind is blowing toward nearby sensitive crops, livestock, gardens or populated areas.
- Properly dispose of unused chemicals, flushing solution and emptied chemical containers.
- Decontaminate equipment used in mixing, transferring and applying chemicals after use.
- Keep chemicals out of the cab.

⚠ WARNING! Exposure to chemicals, including pesticides, can cause injury or death. **Do not rely on the cab, cab pressure indicator, or cab air filters to protect against chemical exposure.**

- Wear PPE in accordance with chemical manufacturer's label.
- Allow only trained, certified applicators to apply chemicals.
- Always close cab windows and doors while spraying.
- Keep sprayer rinse tanks (if equipped) filled with fresh water for rinsing machinery.
- Verify that activated carbon filters, or appropriate substitutes, if equipped, are installed at all times. See sprayer manufacturer's operating manual for details.
- Do not prepare more solution than you can use during the session.
- Clean or remove contaminated shoes or clothing before entering the cab.



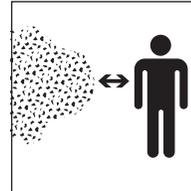
Wear PPE When Handling Chemicals

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- Keep cab interior clean. Do not eat in the field when spraying.
- Even while inside cab, always wear long sleeves, long pants, shoes, and socks when applying chemicals, including pesticides.
- If operating a tow-behind sprayer, use a tractor with an enclosed, pressurized cab whenever possible.
- If operating a tow-behind sprayer from a tractor with an open or un-pressurized cab, be sure to always wear PPE recommended by chemical manufacturer.
- If necessary to leave cab when chemicals, including pesticides, are present, always wear PPE recommended by chemical manufacturer.
- Before re-entering cab, remove PPE used to handle chemicals, including pesticides, and store equipment in accordance with USEPA or international guidelines to prevent contaminating cab.
- Use rinse system in an area where people, animals, vegetation, water supply, etc., cannot become contaminated.
- Do not drain application-strength solution onto the ground. Add neutralizer and/or dilute thoroughly and spray or drain onto safe area where vegetation, water supply etc., cannot become contaminated.
- During application of hazardous chemicals, including pesticides, residue can build up on the inside and outside of the vehicle. Clean vehicle according to use instructions of hazardous chemical.
- In case of chemical poisoning, get immediate medical attention. Have container label information available when seeking medical attention.
- Follow the manufacturer's instructions for chemical storage. Avoid unnecessary storage by purchasing only the quantity needed for the crop year.
- Keep all chemicals out of reach of children and away from livestock and other animals.



**Use
Tractor with
Enclosed Cab**



**Keep
Bystanders
Away from
Spray**