

Torpedo® EZ

WHAT IS TORPEDO® EZ HERBICIDE?

Torpedo EZ is a combination of two active ingredients from herbicide Groups 14 and 15, all-in-one liquid formulation, for weed control in bareground situations.

It creates a layer of active ingredient in the soil that plants must grow through in order to be affected. For optimal performance, it requires a minimum 0.5-1.0 cm of moisture to be activated and the soil should remain undisturbed.

Susceptible weeds will hit the Torpedo EZ layer and often do not emerge. Weeds that do emerge appear twisted or crinkled due to irregular growth and will stop growing.

WHY USE TORPEDO EZ?

Performance. Torpedo EZ provides long lasting, pre-emergent control of grasses and small-seeded broadleaf weeds.

Resistance management tool. A combination of two active ingredients from two unique modes of action all-in-one formulation.

Wide application window. Pre-emergence and early post-emergence application timing for bareground.

Ease of use. Torpedo EZ is a co-formulated liquid solution that does not require mixing.

TORPEDO EZ MIXING BEST PRACTICES

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, slowly add Torpedo EZ to the spray tank. Agitation should create a rippling or rolling action on the water surface.
3. If tank mixing Torpedo EZ with other labelled herbicides, follow the WAMLEGS mixing order system:
 - i. water soluble granules;
 - ii. wettable powders;
 - iii. aqueous suspensions, flowables and liquids;
 - iv. emulsifiable concentrates; and
 - v. solutions.
4. Add any required adjuvants.
5. Fill spray tank to desired level with water. Agitation should continue until all spray solution has been applied. Aggressive over agitation may cause precipitate to form on the tank walls.
6. Mix only the amount of spray solution that can be applied the day of mixing. Torpedo EZ should be applied within 6 hours of mixing.

Tank Mixes	Surfactant Recommendations
Milestone™ herbicide + Torpedo EZ	Add Gateway™ Adjuvant at 0.25% to 1% or equivalent non-ionic surfactant and continue agitation while filling the spray tank with clean water to the required volume.
ClearView™ herbicide + Torpedo EZ	
ClearView + Torpedo EZ + VP480 herbicide	
OctTain™ XL herbicide + Torpedo EZ	
OctTain XL + Torpedo EZ + VP480	
Sightline™ herbicide + Torpedo EZ	
Sightline + Torpedo EZ + VP480	No surfactant is required for these mixes.
Milestone + Torpedo EZ + VP480	
VP480 + Torpedo EZ	

TANK MIX COMPATIBILITY TESTING

If you have not used a particular mixture before, perform a jar test prior to tank mixing to ensure compatibility of Torpedo EZ herbicide as follows:

1. Use a clear glass quart jar with lid and mix one of the tank mix partners in appropriate proportions in carrier and invert the jar containing the mixture several times.
2. Repeat step 1 until all tank mix ingredients have been added.
3. Observe the mixture for approximately 30 minutes. If the mixture balls-up, forms flakes, sludge, gels, oily films or layers, or precipitates, try a water conditioner (e.g. AMS) or similar conditioner. If this does not eliminate the issue, the products are not compatible and the tank mix combination should not be used.

For questions on tank mixing Torpedo EZ with other tank mix partners, contact your Corteva Agriscience™ IVM Expert.

Frequently Asked Questions

What conditions must users of unlabelled tank mixes follow?

1. Each tank mix partner is registered for use in Canada on the crop/site of interest and is recommended at the rates specified on the individual labels.
2. The most restrictive label and use precautions are followed in compliance with label directions.
3. The tank mix only includes an adjuvant when specifically required by one of the tank mix partner labels. If an adjuvant is not required on the label of any tank mix partner, then no adjuvant may be added to the tank mix.
4. The application timings of tank mix partners are compatible as related to crop and pest staging in addition to recommended loading, mixing and most complete tank-cleanout directions.
5. Each tank mix partner is applied in accordance with its registered product label (for example, Directions for Use, Precautions, Buffer Zones). In cases where information on the tank mix partner labels differs between them, the most restrictive directions must be followed.
6. The tank mix combination is a management tool for increased pest control, assists integrated pest management practice, allows for rotation of herbicide groups, saves time and is of value to the user.
7. The tank mix is not specifically excluded or contraindicated on either tank mix partner label.
8. The use of the tank mix provides additional value to the user (for example, increased scope of pests controlled [relative to those controlled by one of the tank mix partner products alone], contributes to resistance management or integrated pest management, cost- or time-savings).

What is the PMRA tank mix policy?

The PMRA (Pest Management Regulatory Agency) has established a position related to unlabelled tank mix use of commercial pest control products used in crop production, disease or vegetation management. Based on the position and guidelines established by the PMRA, application of unlabelled tank mixes is permitted provided the commercial pest control products are registered and applied within their registered use pattern (i.e. application rate, application timing to crops, weed stages, rotational guidelines, number of applications per season, pre harvest intervals, pest claims, etc.).

Torpedo EZ 

HERBICIDE 

ClearView™

Milestone™

Sightline™

OcTTain™ XL

VP480

Questions? Visit us at ivm.corteva.ca to find your Corteva Agriscience™ IVM Expert.

