

MPOWER® 2,4-D ESTER 700 HERBICIDE

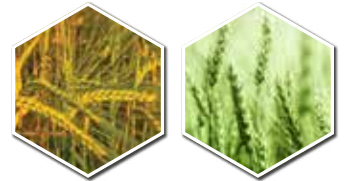
GROUP
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WHY USE MPOWER 2,4-D ESTER 700 HERBICIDE?

- Same active as other 2,4-D Ester herbicides
- Control of redroot pigweed, wild mustard, lamb's quarters, and shepherd's purse
- Controls or suppresses 46 broadleaf weeds
- No re-cropping restrictions the year after application
- Safe on a variety of crops
- A wide range of rates for flexible weed control
- A wide window of application
- A variety of tank mix options
- Proven control of broadleaf weeds at an affordable price

FOR USE ON

- Field corn, wheat (spring and winter), barley, spring and fall rye



WEEDS

CONTROLLED

Controlled at 200-320 ml/ac

- Annual sow thistle
- Bluebur (up to 4 leaf)
- Burdock (up to 4 leaf)
- Cocklebur
- Common ragweed
- Daisy fleabane
- False flax
- False ragweed
- Flixweed
- Goat's beard
- Giant ragweed
- Kochia
- Lamb's quarters
- Mustards (except dog and tansy)
- Narrow leaved hawk's-beard (fall, and at 1-2 leaf stage in spring)
- Plantain
- Prickly lettuce
- Redroot pigweed
- Russian pigweed
- Russian thistle
- Shepherd's purse
- Stinging nettle
- Stinkweed
- Thyme-leaf spurge
- Volunteer canola
- Wild radish
- Wild sunflower

Controlled at 360-520 ml/ac

- Curled dock (up to 4 leaf)
- Dog mustard
- Flixweed (spring prior to bolting)
- Groundsel
- Hairy galinsoga
- Knotweed (up to 4 leaf)
- Narrow leaved hawk's beard (spring prior to bolting)
- Sheep sorrel
- Velvet leaf

TOP GROWTH CONTROL ONLY

At 440-520 ml/ac

- Biennial wormwood
- Canada thistle
- Curled dock
- Dandelion
- Field bindweed
- Field chickweed (suppression)
- Field horsetail
- Hemp-nettle (suppression, prior to 4 leaf)
- Lady's thumb
- Perennial sow thistle
- Wild buckwheat (suppression)

See product label for a complete list of controlled weeds.



MPOWER 2, 4-D ESTER HERBICIDE

REQUIRED SURFACTANT

- None required

ACTIVE INGREDIENTS

- 2,4-D Ester 660 g/L emulsifiable concentrate

PACKAGE SIZE

- Rate dependent
- **Case:** 2 x 10L
- **Tote:** 510 L

WHEN TO APPLY

- **Field corn:** Before corn is 15 cm tall and/or before the 6-leaf stage
- **Spring cereals:** 4 leaf to early flag leaf
- Winter wheat and fall rye: Treat in the spring from full tillering to early flag leaf. Do not apply in fall.

WATER VOLUME

- **Ground:** 5-20 US gallons/acre (20 – 80 L/acre)

RAINFAST PERIOD

- 1 hours

RE-CROPPING OPTIONS

- No restrictions the year after an in-crop application

TANK MIX OPTIONS†

- Many broadleaf and grass herbicide products support 2,4-D tank mix. See tank mix partner for supported crops and rates

STORAGE

- Product can be frozen. If frozen, allow to thaw completely and agitate prior to use.

GRAZING AND HARVEST

- Do not permit lactating dairy animals to graze fields within 7 days after application
- Do not harvest forage or cut hay within 30 days after application
- Withdraw meat animals from treated fields at least 3 days prior to slaughter

MIXING INSTRUCTIONS

1. Fill the spray tank 1/2 full of clean water, begin agitation and continue throughout mixing and application. process.
2. If required, add the correct amount of any dry formulation products.
3. If required, add correct amount of grassy weed tank mix partner.
4. Add the required amount of **MPower 2, 4-D 700 Ester**.
5. Add any required surfactant.
6. Complete filling of sprayer and apply.
7. If application is stopped prior to completion, re-suspend spray solution by full agitation prior to commencing spraying again.

UNDERSTANDING PERFORMANCE

- Good coverage is essential. Use higher water volumes in heavy canopy or weed pressure. High water rates reduce the risk of crop injury
- Optimum control occurs when applied between 15°C and 27°C in warm, moist growing conditions.
- Typical symptoms of dying weeds will be visible within several days after application depending on growing conditions. Control of weeds may take up to 2-3 weeks.
- Optimum weed control will occur when applied at the 2-4 leaf stage of the weeds.
- Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and regrowth may occur.
- Application to crops that are stressed by severe weather conditions, frost, low fertility, water-logged soil (soil at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury.
- Weed control may be reduced during stress conditions, e.g. drought, heat or cold stress, if weeds have initiated flowering, or if heavy infestations exist.

Always read and follow all label precautions and directions.

†When applying tank mix combinations, always follow all label requirements for each product used in the tank mix. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed.

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