

MPOWER[®] RX HERBICIDE

SAME ACTIVE AS REFINE[®] EXTRA
Thifensulfuron + Tribenuron Herbicide

WHY USE MPOWER RX?

- Same active as Refine Extra
- Excellent control of hemp-nettle, redroot pigweed, chickweed and mustard species
- Controls or suppresses 28 broadleaf weeds
- Use in all soil zones
- Systemic mode of action for dependable control
- Wide window of application
- Excellent crop safety at all growing stages.
- Great tank mix partner with Aurora[®], HellCat[®], or Himalaya[®]
- Numerous additional tank mix options
- No re-cropping restrictions
- Low use rate, easy to use
- Outstanding broad-spectrum control of broadleaf weeds in cereal and grass crops at an affordable price

FOR USE ON

- Spring wheat, durum wheat, winter wheat, barley, oats, seedling and established forage grasses for forage and seed production only.

WEEDS

CONTROLLED

- Ball mustard
- Chickweed¹
- Common groundsel
- Corn spurry
- Cow cockle
- Flixweed
- Green smartweed
- Hemp-nettle
- Kochia²
- Lady's-thumb
- Lamb's quarters
- Narrow-leaved hawk's-beard
- Redroot pigweed
- Russian thistle
- Shepherd's purse
- Stinkweed
- Tartary buckwheat
- Volunteer canola³
- Volunteer sunflower
- Wild buckwheat⁴
- Wild mustard

SUPPRESSED

- Canada thistle⁵
- Cleavers² (1-3 whorls)
- Round-leaved mallow⁶
- Scentless chamomile
- Sow thistle⁵
- Stork's-bill
- Toadflax⁷



¹ Emerged plants only. Apply when chickweed is small and actively growing and before canopy close.

² Not including Group 2 resistant biotypes.

³ Not including Clearfield[®] tolerant varieties.

⁴ Apply to actively growing wild buckwheat in the cotyledon to 3 leaf stage. Large plants may regrow after treatment.

⁵ Apply before the bud stage when thistles are less than 15 cm in height and when majority of thistles have emerged and are actively growing.

⁶ Apply to actively growing mallow from 2-6 leaf stage, plants will be stunted but overall populations may not be reduced.

⁷ Apply when weeds are no taller than 15 cm in height. A control program includes both chemical application and tillage.



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REQUIRED SURFACTANT

- **MPower RX** alone: Agral® 90, or AgSurf® at 2 L per 1,000 L water
- If mixed with a wild oat herbicide, only the surfactant required by that product is required

ACTIVE INGREDIENT

- Thifensulfuron methyl 50% + tribenuron methyl 25% wettable granules (WG)

PACKAGE SIZE

- **Case:** 40 acres

WHEN TO APPLY

- **Crop stage:** Cereals: 2 leaf to flag leaf, prior to head emergence.
- **Forage grasses:** Post-emergence
- **Weed stage:** Less than 10 cm in height or diameter.

WATER VOLUME

- **Ground:** Minimum 5 US gallons/acre (20 L/acre)
- **Aerial:** Minimum 2.5 US gallons/acre (10 L/acre)

RAINFAST PERIOD

- 1 hour

RE-CROPPING OPTIONS

- Grow all major crops the year after application

TANK MIX OPTIONS*

- **Ace®†, Aurora®, Clobber® M†, Foxy® Pro†, HellCat®, Himalaya®, 2,4-D or MCPA Amine or Ester, Axial®†, Simplicity™†, Traxos®†**

STORAGE

- Product can be frozen.

GRAZING AND HARVEST

- Graze treated crop or feed to livestock 7 days after application
- No pre-harvest interval indicated

MIXING INSTRUCTIONS

1. Fill the sprayer 1/2 full of clean water, begin agitation and continue throughout mixing and application process.
2. Add the appropriate rate of **MPower RX** and dissolve.
3. Add the required amount of grass weed control tank mix partner.
4. Add any required EC (liquid) formulation products such as MCPA.
5. Add surfactant if required, then complete filling tank and apply.
6. Product must be applied within 12 hours in order to remain effective.

UNDERSTANDING PERFORMANCE

- Use 50 mesh or larger screens in spraying equipment.
- Optimal control occurs when applied between 12°C and 24°C in warm moist growing conditions.
- Ensure thorough spray coverage of target weeds and use higher water volumes with dense crop canopy and/or large weeds.
- Typical symptoms (discoloration) of dying weeds may not be noticeable for 1 to 3 weeks after application depending upon growing conditions. Control of weeds may take 3-4 weeks.
- Degree of control and duration of effect are dependent on weed sensitivity, weed size, crop competition, growing conditions at and following treatment, and spray coverage.
- 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.
- Product will degrade if left in the sprayer for more than 24 hours after mixing.

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.

†Supported by AgraCity. For a complete list of tank mix options, go to AgraCity.com/Solutions.

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