

Prowl H2O herbicide

technology sheet

horticulture
crops

Early-season control of annual grasses and key broadleaf weeds. Before they emerge.

- Residual control of target weeds
- Low-staining formulation and reduced odour for ease of use
- Outstanding performance and crop safety

Active ingredient

Pendimethalin – Group 3

Formulation

Microcapsule suspension

One case contains

2 x 8.9 L jugs

Also available in 450 L tote

Storage

If stored under freezing temperatures, agitate or mix contents of container well before use.

Reduce staining with Prowl® H2O herbicide

Sight gauges with spray solution comparing Prowl to Prowl H2O



Crops

Broccoli, cabbage and cauliflower (mineral soils) (transplanted and direct seeded)

Carrots²

Dry bulb onions (mineral soils)
Eastern Canada

Western Canada

Dry bulb onions (muck soils)³

Fruit trees (BC only)⁵

Green bunching onions (mineral soils)

Green bunching onions (muck soils)

Field Tomatoes (mineral soils) (transplanted)

Prowl H2O will not control emerged weeds.

Remove existing weeds or apply before weed emergence.

Staging

2-4 leaf stage

(1-3 days after transplanting)¹

Apply as a directed spray between rows

Single broadcast spray to the soil surface as a post-plant treatment within 2 days after planting and prior to crop emergence; max. one application per year

2 to 6 true-leaf stage, by foliar spray; max. two applications per year

Loop to 2 true-leaf stage; max. one application per year

Both loop stage and 2 true-leaf stage for season-long control⁴

Newly planted and established, by boom sprayer; max. one application per year

2 to 3 true-leaf stage after the crop has fully emerged

Between loop stage and flag leaf stage

Prior to transplant

Weeds controlled

Barnyard grass⁶

Common chickweed⁷

Crabgrass (large and smooth)⁶

Fall panicum⁶

Green foxtail

Lamb's quarters^{8,9}

Redroot pigweed⁸

Yellow foxtail

Staging

Pre-emergent

¹ Be sure roots of transplants are established before application. ² Not for use on carrots grown for seed production. ³ On muck soils, Prowl H2O cannot be used on green bunching onions and on onions grown from sets. ⁴ Sequential applications of other herbicides may be required for broad-spectrum weed control. ⁵ Registered for apple, apricot, cherry, nectarine and peach trees in British Columbia only. ⁶ Eastern Canada only. ⁷ In carrots and dry bulb onions on muck soils only. ⁸ Includes triazine-resistant biotypes in green-bunching onions, dry bulb onions on muck soils and carrots. ⁹ Suppression only in green bunching onions and carrots.

 **BASF**

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Application rates

One case of Prowl H2O treats 6.6 to 20 acres, depending on rate.

Broccoli, cabbage and cauliflower (mineral soils) ¹⁰	2.46 L/ha (996 ml/ac)
Carrots ¹⁰ (mineral soils)	3.7 L/ha (1.48 L/ac)
Carrots ¹⁰ (muck soils)	6.6 L/ha (2.67 L/ac)
Dry bulb onions (mineral soils)	
Eastern Canada	2.2 to 3.3 L/ha (890 to 1,335 ml/ac)
Western Canada	2.42 L/ha (979 ml/ac)
Dry bulb onions (muck soils)	6.6 L/ha (2.67 L/ac)
Fruit trees (BC only)	3.7 L/ha (1.48 L/ac)
Green bunching onions (mineral soils) ¹⁰	2.37 L/ha (958 ml/ac)
Green bunching onions (muck soils) ¹⁰	6.6 L/ha (2.67 L/ac)
Field tomatoes (mineral soils) (transplanted)	2.2 L/ha (890 ml/ac)

Water volume (Ground application only)

Dry bulb onions	250 L/ha (101 L/ac)
Broccoli, cabbage, carrots, cauliflower, transplanted field tomatoes, green bunching onions	200 L/ha (80 L/ac)

¹⁰ Do not apply with liquid fertilizers.

Mixing order

1. Ensure the spray tank is clean before use.
2. Fill the tank 1/2 to 3/4 full of water and start agitation.
3. Add the required amount of Prowl H2O herbicide to the tank.
4. Continue agitation while filling the remainder of the spray tank.
5. After use, clean the spray tank according to label precautions.

Application tips

Rainfastness – N/A

Prowl H2O is most effective when adequate rainfall or overhead irrigation is received within 7 days after application.

Restricted entry interval

24 hours (excluding fruit trees)

For direct seeded green onions in muck soils – 4 days for scouting, 7 days for hand-set irrigation, 15 days for hand weeding

Resistance management – Where possible, rotate the use of Prowl H2O herbicide or other Group 3 herbicides with different herbicide groups that control the same weeds in a field.

Pre-harvest interval

21 days for tomatoes.

30 days for dry bulb onions and green bunching onions.

60 days for broccoli.

70 days for cabbage and cauliflower.

90 days for carrots.

Tank mixes

None on label.

For more information

Call **AgSolutions**® Customer Care at 1-877-371-BASF (2273) or visit **agsolutions.ca**.

Always read and follow label directions.

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