

## Supplemental Label

ACCEPTED  
FOR REGISTRATION

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**Komeen® AQUATIC HERBICIDE**  
EPA Reg. No. 67690-25

New York State Department  
of Environmental Conservation  
Division of Materials Management  
Pesticide Product Registration

This supplemental label expires on 11/30/2019 and must not be used or distributed after this date.

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This supplemental labeling in addition to the product label or the container must be in the possession of the user at the time of application.**

Use of Komeen Aquatic Herbicide according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the product's container. Read the entire label affixed to the container and supplemental label before applying.

**Attention: the updated label language includes the following:**

### **APPLICATION INFORMATION**

#### ***Flowing Water Treatment***

#### **Drip System or Metering Pump Application for Canals, Ditches, and Laterals**

For optimal control, apply Komeen as soon as submersed macrophytes or algae begin active growth or interfere with normal delivery of water (clogging of lateral head gates, suction screens, weed screens, and/or siphon tubes). Delaying treatment could perpetuate the problem causing massing and compacting of plants. Heavy infestations and low flows may result in pooling or uneven product distribution resulting in unsatisfactory control. Under these conditions repeated applications or increasing the water flow rate during application may be necessary.

To achieve desired control with Komeen in flowing waters, maintain a minimum exposure period of three hours at a concentration of 0.5 to 1.0 ppm. Other factors to consider include: plant species, density of infestation and water temperature and hardness. Longer contact times and the highest rates may be required for less susceptible species or in difficult treatment conditions (e.g. dense weed beds, hard water, fast flowing water).

1. Treatment with Komeen requires accurate calculations of water flow rates. Devices that provide accurate flow measurements such as weirs or orifices are the preferred method; however, the volume of water to be treated may also be estimated using the following formula:

$$\text{Cubic feet per second (cfs)} = \text{average width (feet)} \times \text{average depth (feet)} \times \text{average velocity (feet/second)} \times 0.9$$

The velocity can be estimated by determining the length of time it takes a floating object to travel a defined distance. Divide the distance (feet) by the time (seconds) to estimate velocity (feet/seconds). This measure should be repeated 3 times at the intended application site to calculate the average velocity.

2. After accurately determining the water flow rate in cubic feet per second(s) (cfs) or gallons/minute, find the corresponding drip rate in Table 5. For flow rates not listed in the

table, multiply the flow rate by the recommended amount of Komeen in 1 cfs for application rates or use the below formula:

$$\text{cfs} \times 1.1 \times \text{desired concentration of metallic copper (ppm)} = \text{quarts/hour of application}$$

<b>Water Flow Rate</b>		<b>PPM Copper</b>	<b>Komeen Drip Rate</b>	
<b>cfs</b>	<b>gal/min.</b>		<b>Quart/ hr</b>	<b>ml / min</b>
1	450	0.5 - 1.0	0.55 - 1.1	8.7 – 17.3
2	900	0.5 - 1.0	1.1 - 2.2	17.3 – 34.7
3	1,350	0.5 - 1.0	1.65 - 3.3	26.0 – 52.0
4	1,800	0.5 - 1.0	2.2 - 4.4	34.7 – 69.4
5	2,250	0.5 - 1.0	2.75 - 5.5	43.4 – 86.7
10	4,500	0.5 - 1.0	5.5 - 11	86.7– 173.4
100	45,000	0.5 - 1.0	55 - 110	867.2 – 1,734.3

Calculate the amount of Komeen needed to maintain the drip rate for a treatment period of 3 hours by multiplying **quart(s)/hour by 3 or milliliters/minute by 180**. For longer injection periods, multiply dosage rate by desired time in minutes or hours as appropriate.

Rates will target up to 1.0 ppm copper concentration in the treated water for the treatment period. Lower concentrations may be used on susceptible plant species or if longer exposure/injection times are maintained. Introduce Komeen in the channel at weirs or other turbulence-creating structures to promote the dispersion of the chemical.

Use a drum or tank equipped with a valve or other volume control device that can be calibrated to maintain a constant drip rate. Use a stopwatch and appropriate measuring container to set the desired drip rate. Readjust accordingly if the canal flow rate changes during the treatment period. A small pump or other metering device may be used to meter Komeen into the water more accurately. Application can be made using diluted or undiluted material.

Results can vary depending upon species and density of vegetation, desired distance of control and flow rate, and impact of water quality on Komeen and efficacy. Periodic maintenance treatments may be required to maintain seasonal control (every 2 to 6 weeks). In addition, Komeen can be used in a rotational program with other herbicides labeled for flowing water for an integrated management approach. It is recommended to consult a SePRO Technical Specialist to determine optimal use rate location of treatment stations and duration of treatment period under local conditions.

### ***Irrigation Ponds or Reservoirs***

When applying to irrigation ponds or reservoirs, it is best to hold water for a minimum of 3 hours before irrigating to ensure proper exposure of Komeen at targeted rates to plants. If water is to be continually pumped from the treated system during application, application techniques (drip, injection, or multiple spray applications) should be made to compensate for dilution of Komeen within the targeted area.

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