

MicrobeBio®

**MICROBEBIO
APPLICATION FOR
STRAWBERRY
YIELD**





APPLICATION

LIFE CYCLE OF THE STRAWBERRY PLANT

Planting / Establishment (0–1 month)

Young plants or runners are planted in prepared soil with organic matter.

Roots establish and first leaves begin to grow.



Vegetative Growth (1–3 months)

Plants produce more leaves and runners. Energy is focused on root and crown development to prepare for flowering.



Flowering (3–4 months)

Flower buds form and bloom.

Pollination occurs, often with the help of insects.

Fruit Development (4–7 months)

After pollination, flowers develop into green fruits that gradually turn red as they ripen.



Post-Harvest / Renovation (after harvest)

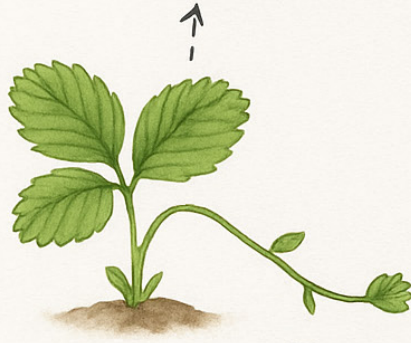
Old leaves and runners may be trimmed. Nutrients are replenished to prepare for the next cycle.



Dormancy or Rest Period (varies by climate)

In tropical highlands, strawberries may not have full dormancy but slow growth during heavy rains.

In temperate climates, plants rest during winter and regrow in spring.



Application rate - per hectare

STRAWBERRY

		PLANTING/ ESTABLISHMENT	VEGETATIVE GROWTH (LEAF AND RUNNER DEVELOPMENT)	FLOWERING	FRUIT DEVELOPMENT & RIPENING / HARVEST	POST-HARVEST / RENOVATION	DORMANCY / OVERWINTERING
ORGANIC SOIL ENHANCEMENT	PRODUCT	DAY 0 <i>(Before late August planting)</i>	DAY 20 <i>Oct – Nov (Day 30–90)</i>	DAY 80 <i>Dec (Day 90–120)</i>	DAY 100 <i>Jan – Mar (Day 120–210)</i>	1–2 WEEKS AFTER HARVEST <i>APR – MAY</i>	JUN – AUG
	* NATURE VIGOR	-	5 KG	-	5 KG	-	No fertilizer during heavy rains; mulch or prepare beds for next planting.
	* HYDRO ACTIVATOR	-	5 L	-	5 L	-	
	*AQUA ACTIVATOR GRW	-	500 G	-	500 G	-	
	**RHIZO ACTIVATOR	60 KG	-	60 KG	-	60 KG	
BIORATIONAL	*AQUA ACTIVATOR X1™ <i>(NEMATO)</i>	-	300 G	-	300 G	-	-
	*AQUA ACTIVATOR X3™ <i>(PEST)</i>	-	300 G	-	300 G	-	-
	*AQUA ACTIVATOR X5™ <i>(FUNGUS)</i>	-	300 G	-	300 G	-	-
	*AQUA ACTIVATOR X8™ <i>(SNAIL)</i>	-	-	-	500 G	-	-
	*AQUA ACTIVATOR X11™ <i>(COMPOSE)</i>	-	-	-	-	-	-
	*GREEN FURY <i>(PEST)</i>	Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.					
	*NATURE VENOM <i>(FUNGUS)</i>	Plant disease outbreak (fungus and virus): agitate 500 ml Nature Venom™ into at least 400 liters of non-chlorine water to treat 1 hectare.					



Diseases & Pests



PESTS, FUNGI, VIRUSES, AND DISEASES BY GROWTH STAGE

Strawberry is susceptible to various pests, fungal, viral, and bacterial diseases that can reduce yield if not managed properly. Below are the major threats by growth stage, with symptoms and Microbebio-based control measures, supplemented by organic practices.

VEGETATIVE GROWTH (LEAF & RUNNER DEVELOPMENT)

1	Pests	<ul style="list-style-type: none">Aphids, spider mites, slugs/snails, strawberry rootworm, cyclamen mites, armyworms, leafrollers, cabbage loopers, weevils, whiteflies, thrips.	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">Leaf spot, powdery mildew, leaf scorch, angular leaf spot, phomopsis leaf blight, verticillium wilt, virus decline, leaf blight.	Microbebio Aqua Activator X5
<p>Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.</p> <p>Plant disease outbreak (fungus and virus): agitate 500 ml Nature Venom™ into at least 400 liters of non-chlorine water to treat 1 hectare.</p>			



FLOWERING

1	Pests	<ul style="list-style-type: none">• Thrips, tarnished plant bugs, strawberry clipper, lygus bugs, cyclamen mites, aphids, spider mites, whiteflies.	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Gray mold, anthracnose, powdery mildew, common leaf spot, Neopestalotiosis.	Microbebio Aqua Activator X5

Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.
Plant disease outbreak (fungus and virus): agitate 500 ml Nature Venom™ into at least 400 liters of non-chlorine water to treat 1 hectare.

FRUIT DEVELOPMENT & RIPENING / HARVEST

1	Pests	<ul style="list-style-type: none">• Slugs/snails, birds, fruit flies, thrips, tarnished plant bugs, spotted-wing drosophila, earwigs, corn earworms, sap beetles, whiteflies.	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Gray mold, anthracnose, leather rot, Mucor/Rhizopus fruit rot, powdery mildew, leaf spot, Neopestalotiopsis fruit rot, Pestalotia.	Microbebio Aqua Activator X5

Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.
Plant disease outbreak (fungus and virus): agitate 500 ml Nature Venom™ into at least 400 liters of non-chlorine water to treat 1 hectare.



POST-HARVEST / RENOVATION

1	Pests	<ul style="list-style-type: none"> • Root weevils, spider mites, vinegar flies, slugs, thrips. 	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none"> • Leaf diseases, root rots, Verticillium wilt, Macrophomina crown rot, virus decline, Pestalotia. 	Microbebio Aqua Activator X5

Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.

Plant disease outbreak (fungus and virus): agitate 500 ml Nature Venom™ into at least 400 liters of non-chlorine water to treat 1 hectare.



DORMANCY / OVERWINTERING

1	Pests	<ul style="list-style-type: none">Aphids, mites, thrips, whiteflies.	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">Powdery mildew, leaf spot, Neopestalotiopsis.	Microbebio Aqua Activator X5

Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.
Plant disease outbreak (fungus and virus): agitate 500 ml Nature Venom™ into at least 400 liters of non-chlorine water to treat 1 hectare.



The logo consists of the text "MicrobeBio" in a bold, green, sans-serif font, followed by a registered trademark symbol (®). The text is centered on a white, rectangular banner that has a slight 3D effect with shadows on its top and bottom edges. The banner is positioned horizontally across the middle of the image, partially overlapping the green field above and the dark green banner below.

MicrobeBio®

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