

MicrobeBio®

**MICROBEBIO
APPLICATION FOR
CABBAGE YIELD**



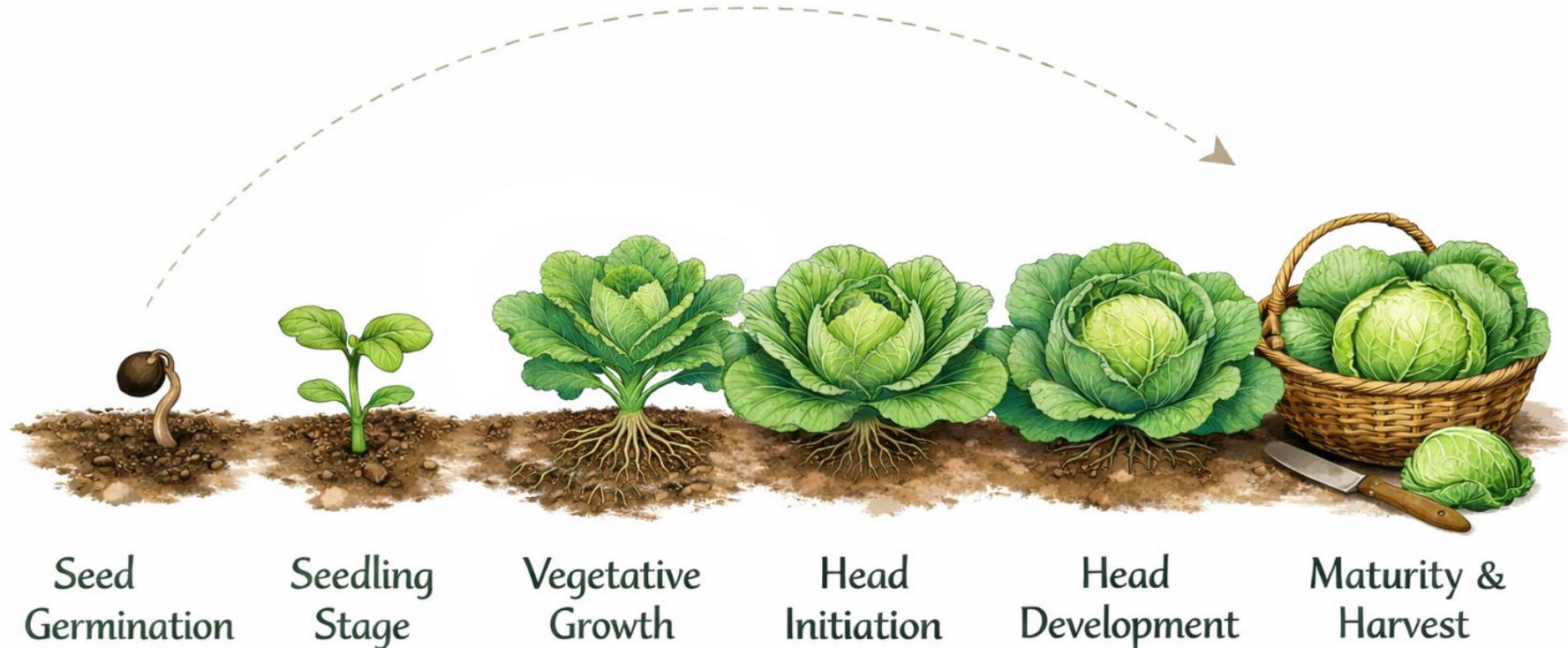


APPLICATION



Seedling

LIFE CYCLE OF CABBAGE



Application rate - per hectare

CABBAGE

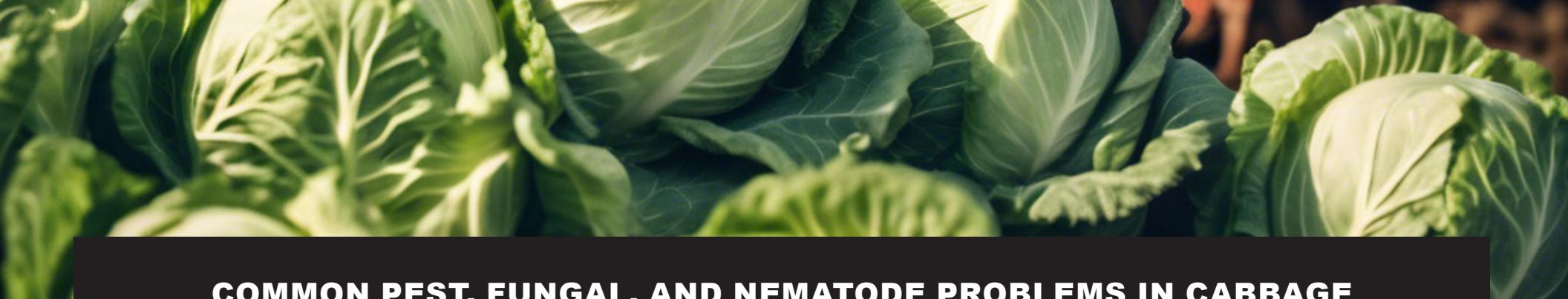
ORGANIC SOIL ENHANCEMENT

BIORATIONAL

	SEED GERMINATION	SEEDLING STAGE	VEGETATIVE GROWTH	HEAD INITIATION	HEAD DEVELOPMENT	MATURITY & HARVEST
PRODUCT	0-5 DAYS	5-20 DAYS	20-40 DAYS	40-60 DAYS	60-80 DAYS	80-110 DAYS
* NATURE VIGOR	5 KG	-	5 KG	-	-	No more fertilizer — excess N causes splitting.- Maintain even moisture to avoid cracking.
* HYDRO ACTIVATOR	8 L	-	8 L	8 L	-	
*AQUA ACTIVATOR GRW	500 G	-	500 G	500 G	-	
**RHIZO ACTIVATOR	-	50 KG	-	-	50 KG	
*AQUA ACTIVATOR X1™ (NEMATO)	500 G	-	500 G	500 G	-	-
*AQUA ACTIVATOR X3™ (PEST)	500 G	-	500 G	500 G	-	-
*AQUA ACTIVATOR X5™ (FUNGUS)	500 G	-	500 G	500 G	-	-
*AQUA ACTIVATOR X8™ (SNAIL)	-	-	-	-	-	-
*AQUA ACTIVATOR X11™ (COMPOSE)	-	-	-	-	-	-
*GREEN FURY (PEST)	Plant disease outbreak (pest): agitate 500 ml Green Fury™ into at least 400 liters of non-chlorine water to treat 1 hectare.					
*NATURE VENOM (FUNGUS)	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



COMMON PEST, FUNGAL, AND NEMATODE PROBLEMS IN CABBAGE

Cabbage 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.

SEED GERMINATION

1	Pests	<ul style="list-style-type: none">• Soil insects (wireworms)	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Pythium spp. (Damping-off)	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.



SEEDLING STAGE

1	Pests	<ul style="list-style-type: none">• Aphids (Brevicoryne brassicae)• Flea beetles (Phyllotreta spp.)• Cutworms (Agrotis spp.)	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Rhizoctonia solani (Damping-off)• Pythium spp.	Microbebio Aqua Activator X5
3	Nematores	<ul style="list-style-type: none">• Root-knot nematodes (Meloidogyne spp.)	Microbebio Aqua Activator X1

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.

VEGETATIVE GROWTH

1	Pests	<ul style="list-style-type: none">• Diamondback moth (<i>Plutella xylostella</i>)• Cabbage looper (<i>Trichoplusia ni</i>)• Thrips (<i>Thrips tabaci</i>)	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Downy mildew (<i>Hyaloperonospora brassicae</i>)• Alternaria leaf spot (<i>Alternaria brassicae</i>)	Microbebio Aqua Activator X5
3	Nematoes	<ul style="list-style-type: none">• Root-knot nematodes	Microbebio Aqua Activator X1

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.



HEAD INITIATION

1	Pests	<ul style="list-style-type: none">• Aphids• Diamondback moth• Whiteflies (<i>Aleyrodes proletella</i>)	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Black rot (<i>Xanthomonas campestris</i> – bacterial, often pest-assisted)• Alternaria leaf spot	Microbebio Aqua Activator X5
3	Nematodes	<ul style="list-style-type: none">• Root-knot nematodes	Microbebio Aqua Activator X1

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.

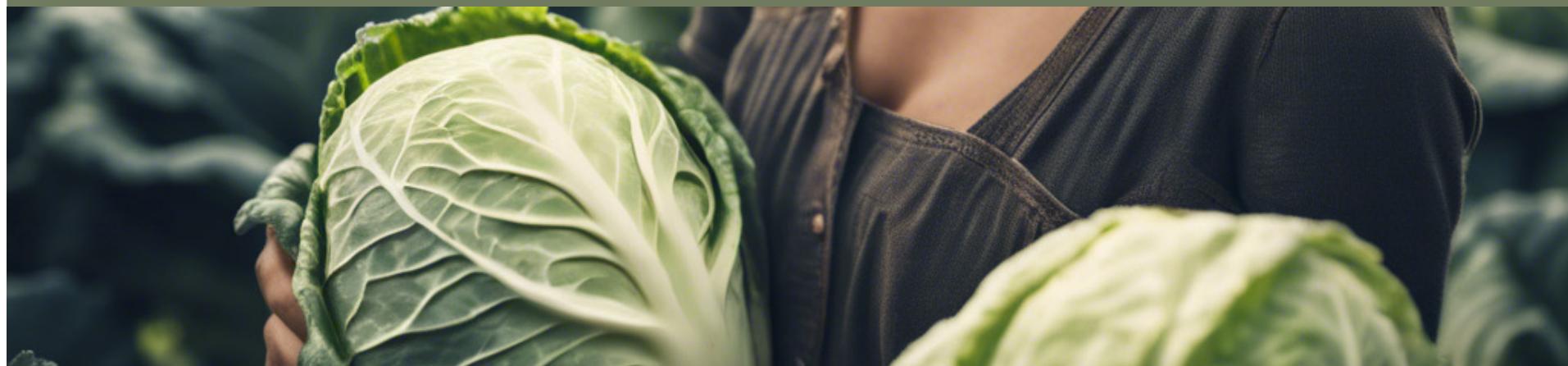


HEAD DEVELOPMENT

1	Pests	<ul style="list-style-type: none">• Cabbage looper• Diamondback moth• Thrips	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Gray mold (<i>Botrytis cinerea</i>)• Downy mildew	Microbebio Aqua Activator X5
3	Nematoes	<ul style="list-style-type: none">• Root-knot nematodes	Microbebio Aqua Activator X1

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.



MATURITY & HARVEST

1	Pests	<ul style="list-style-type: none">• Aphids (inside heads)• Thrips	Microbebio Aqua Activator X3
2	Fungal Diseases	<ul style="list-style-type: none">• Soft rot (<i>Pectobacterium</i> spp. – secondary infection)• Gray mold	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.





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#Microbebio #BeetYield #SustainableFarming #HealthySoilHealthyPlants #MicrobialFarming #SoilHealth #RegenerativeAgriculture
#OrganicBeets #EcoFriendlyFarming #BetterFlavorBetterFarming