Broccoli and Brussels Sprouts Pests

o Problem	o Cause and Solutions	
 Irregular holes in leaves; chewed 	o Caterpillars (cabbage loopers,	
leaves; small seedling plants destroyed	armyworms); snails, slugs	
o Bacillus thuringiensis (Bt) is very effective		
o Small holes in leaves; chewed	 Diamondback moth; caterpillar 	
growing points in young plants. Loose		
cocoons about 1/3 long on leaves		
o Bacillus thuringiensis (Bt) is effective. Older plants not damaged. Destroy weeds		
before planting		
o Deformed curled leaves Colonies of	o Aphids	
gray-green insects on leaves. Sticky		
honeydew		
	s with sticky barrier or insecticide. Encourage	
beneficials. Use strong water spray to wash off.		
O Distorted leaves, turning plant brown.	o Harlequin bug	
Wilted plants.		
-	bugs and egg masses. Remove old, non-	
productive Cole crops (wild radish & mustard)		
o Tunnels through roots. Plants fail to	o Cabbage maggot	
grow; may wilt, die. Feeding tunnels in		
germinating seedlings, which fail to produce		
plants.		
o Prevent infestation. No practical control	when maggots occur on growing crops.	
o Stunted, wilted plants. Yellowish	 Cyst nematode 	
leaves. Small glistening white specks on		
roots.		
o Rotate crops. Do not plant Cole crops on	the same site year after year.	
o Wilted plants. Swollen, misshapen	o Clubroot	
roots; roots rot. Plant dies in later stages.		
•	Common in acid soils. Add lime if pH is below	
7.2. Rotate out of crucifer crops for at least 2 years	ars.	
o Irregular yellowish areas on upper leaf	o Downy mildew	
surface; grayish powder on undersides.		
 Improve air circulation. Plant resistant va 	arieties. Tolerate disease.	
o Heads suddenly split	o Improper watering	
O Do not allow soil to get too dry. If it gets	too dry, apply water slowly at first.	
o Bolting	o Physiological disorder	
o Plant at right time.		
 Heads soft and rotten 	o Bacterial sift rot	
o Rotate crops. Plant in well-drained soil.		
o Leaves riddled with shot holes.	o Flea beetles	
o Control weeds.		



o Problem	o Cause and Solutions	
o Irregular holes in leaves; chewed leaves;	o Caterpillars (cabbage loopers,	
small seedling plants destroyed	armyworms); snails, slugs	
o Bacillus thuringiensis (Bt) is very effective		
o Small holes in leaves; chewed growing	Diamondback moth; caterpillar	
points in young plants. Loose cocoons about 1/3		
long on leaves		
o Bacillus thuringiensis (Bt) is effective. Olde	er plants not damaged. Destroy weeds before	
planting		
 Deformed curled leaves Colonies of gray- 	o Aphids	
green insects on leaves. Sticky honeydew		
o Use insecticidal soap spray. Control ants wi	th sticky barrier or insecticide. Encourage	
beneficials. Use strong water spray to was off.		
o Distorted leaves, turning plant brown.	o Harlequin bug	
Wilted plants.		
o Insects suck fluid from tissue. Handpick bugs and egg masses. Remove old, non-productive		
Cole crops (wild radish & mustard) because they're		
o Tunnels through roots. Plants fail to grow;	o Cabbage maggot	
may wilt, die. Feeding tunnels in germinating		
seedlings, which fail to produce plants.		
 Prevent infestation. No practical control who 		
o Stunted, wilted plants. Yellowish leaves.	o Cyst nematode	
Small glistening white specks on roots.		
o Rotate crops. Do not plant Cole crops on the same site year after year.		
o Wilted plants. Swollen, misshapen roots;	o Clubroot	
roots rot. Plant dies in later stages.		
O Disease caused by a soilborne fungus. Common in acid soils. Add lime if pH is below 7.2.		
Rotate out of crucifer crops for at least 2 years.		
o Irregular yellowish areas on upper leaf	O Downy mildew	
surface; grayish powder on undersides.		
o Improve air circulation. Plant resistant variet		
O Heads suddenly split	o Improper watering	
O Do not allow soil to get too dry. If it gets too		
o Bolting	o Physiological disorder	
O Plant at right time.		
O Heads soft and rotten	o Bacterial sift rot	
O Rotate crops. Plant in well-drained soil.		
O Leaves riddled with shot holes.	o Flea beetles	
o Control weeds. Use rotenone with insecticid		
O Poor heading	Overcrowding; dry soil; root rot	
O Thin plants early. Irrigate properly. Rotate co		
O Stunted yellow plants	O Poor fertility; dry soil; Fusarium fungus.	
 Test soil. Irrigate properly. Use resistant vari 	ieties	



Cauliflower Pests

o Problem	o Cause and Solutions
o Irregular holes in leaves; chewed	o Caterpillars (cabbage loopers,
leaves; small seedling plants destroyed	armyworms); snails, slugs
Bacillus thuringiensis (Bt) is very effect	tive
o Small holes in leaves; chewed	O Diamondback moth; caterpillar
growing points in young plants. Loose	Diamondoack moun, caterpman
cocoons about 1/3 long on leaves	
· · · · · · · · · · · · · · · · · · ·	Older plants not damaged. Destroy weeds
before planting	Order plants not damaged. Desirey weeds
O Deformed curled leaves Colonies of	o Aphids
gray-green insects on leaves. Sticky	- Tapinus
honeydew	
	s with sticky barrier or insecticide. Encourage
beneficials. Use strong water spray to was off.	With booking Cultiva of Midowica. Encourage
O Distorted leaves, turning plant brown.	o Harlequin bug
Wilted plants.	
	bugs and egg masses. Remove old, non-
productive Cole crops (wild radish & mustard)	
O Tunnels through roots. Plants fail to	Cabbage maggot
grow; may wilt, die. Feeding tunnels in	
germinating seedlings, which fail to produce	
plants.	
o Prevent infestation. No practical control	when maggots occur on growing crops.
o Stunted, wilted plants. Yellowish	Cyst nematode
leaves. Small glistening white specks on	·
roots.	
o Rotate crops. Do not plant Cole crops or	n the same site year after year.
o Wilted plants. Swollen, misshapen	 Clubroot
roots; roots rot. Plant dies in later stages.	
	Common in acid soils. Add lime if pH is below
7.2. Rotate out of crucifer crops for at least 2 ye	ars.
o Irregular yellowish areas on upper leaf	o Downy mildew
surface; grayish powder on undersides.	
 Improve air circulation. Plant resistant v 	arieties. Tolerate disease.
 Leaves riddled with shot holes. 	o Flea beetles
 Control weeds. Use rotenone with insect 	icidal soap.
o Poor heading	 Overcrowding; dry soil; root rot
 Thin plants early. Irrigate properly. Rota 	
 Heads yellow or brown instead of 	o Sunburn
white	
	e outer leaves around the head with twine.
Harvest in 4-7 days.	

