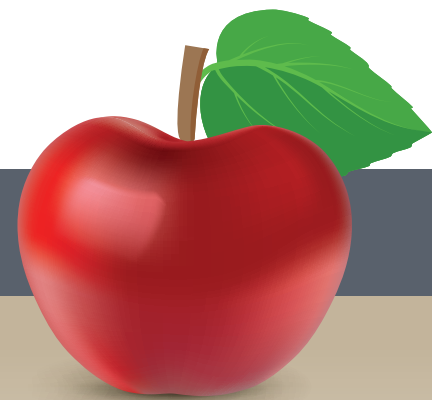


APPLE STAGE GROWTH



GREEN TIP HALF-INCH GREEN TIGHT CLUSTER PINK BLOOM PETAL FALL FRUIT SET HARVEST DORMANT

BROADLEAF & GRASSY WEEDS

Casoron® 4G

BROADLEAF WEEDS

Sandea® WG

FIRE BLIGHT

Kasumin, OxiDate®, Regalia® Rx

SCAB

Folpan 80 WDG, OxiDate®, Maestro® 80 WSP, Captan® 80 WSP, Syllit® 400 FL, Microthiol® Disperss®, EcoSwing®

POWDERY MILDEW

SuffOil-X¹, OxiDate®, Regalia® Rx², Microthiol® Disperss®, Magister® SC³

APHIDS

Cormoran®, Zivata®, Silencer® 120 EC, Imidan® WP

Cormoran®, Zivata®, Silencer® 120 EC, Imidan® WP

TARNISHED PLANT BUG

Cormoran®, Silencer® 120 EC,
Up-Cycle® 2.5 EC, Zivata®,
Perm-Up® 3.2EC, Imidan® WP

MITES

Acramite® 50WS, Kanemite® 15 SC, Magister® SC, SuffOil-X,
Envidor® 240 SC, Nexter® SC

MULLEIN BUG

Cormoran®, Perm-Up® 3.2 EC,
Up-Cycle® 2.5 EC,

PLUM CURCULIO

Cormoran®, Zivata®, Silencer® 120 EC,
Up-Cycle® 2.5 EC, Perm-Up® 3.2 EC, Imidan® WP

OBLIQUEBANDED LEAFROLLER

Spear® Lep, Zivata®, Silencer® 120 EC, Shenzi® 400 SC
Up-Cycle® 2.5 EC, Perm-Up® 3.2 EC, Imidan® WP

CODLING MOTH

Cormoran®, Spear® Lep, Zivata®, Silencer® 120 EC, Shenzi® 400 SC
Up-Cycle® 2.5 EC, Perm-Up® 3.2 EC, Rimon®, Imidan® WP

APPLE MAGGOT

Cormoran®, Perm-Up® 3.2 EC, Shenzi® 400 SC,
Up-Cycle® 2.5 EC, Imidan® WP,

POLLINATION

Biopolin®

SEAWEED EXTRACT

OHM⁴

ABIOTIC STRESS/
CALCIUM UPTAKE

Lalstim Osmo

1. Do not apply during bloom.
2. Applications should begin at Pink.
3. Should be considered a miticide first that also controls powdery mildew.
4. A third application can be applied as a post-harvest application.

Always read and follow label direction.

- Weed management
- Disease management
- Insect/Mite management
- Biostimulant

Codling moth *(Cydia pomonella)*

Product	Cormoran	Imidan WP	Perm-Up EC	Rimon	Silencer 120 EC	Shenzi 400 SC	Up-Cyde 2.5 EC	Zivata	Spear-LEP
Pack size	10.08 L	2.265 kg	1 L	10 L	3.78 L	4 L	1 L	4.08 L	5 L
Insecticide gr	4 + 15	1 B	3	15	3	28	3	3	32
Rate (kg or L/ha)	1050-1260 mL/ha	2.68 kg/ha	520 mL/ha	0.93-1.4 L/ 1000 L water	83 mL/ha	125-188 mL/ha	400 mL/ha	104 mL/ha	1.2-2.3 L/ha
Rainfast	Avoid application when heavy rain is forecasted.								n/a
REI	12 hours to 7 days	12 hours to 9 days	12 hours	12 hours	24 hours	12 hours	12 hours	12 hours	4 hours
PHI (days)	14 days	22 days	7 days	14 days	7 days	5 days	7 days	7 days	0 day

Rosy apple aphid *(Dysaphis piantaginea)*

Product	Cormoran	Imidan WP	Silencer 120 EC	Zivata
Pack size	10.08 L	2.265 kg	3.78 L	4.08 L
Insecticide/	4 + 15	1 B	3	3
Rate (kg or L/ha)	700-1050 mL/ha	2.68 kg/ha	83 mL/ha	104 mL/ha
Rainfast	Avoid application when heavy rain is forecasted.			
REI	12 hrs to 7 days	12 hrs to 9 days	24 hours	12 hours
PHI (days)	14 days	22 days	7 days	7 days

Tarnished plant bug *(Lygus lineolaris)*

Product	Cormoran	Imidan WP	Perm-Up EC	Silencer 120 EC	Up-Cyde 2.5 EC	Zivata
Pack size	10.08 L	2.265 kg	1 L	3.78 L	1 L	4.08 L
Insecticide gr	4 + 15	1 B	3	3	3	3
Rate (kg or L/ha)	1260 mL/ha	2.68 kg/ha	520 mL/ha	104 mL/ha	400 mL/ha	104 mL/ha
Rainfast	Avoid application when heavy rain is forecasted.					
REI	12 hrs to 7 days	12 hrs to 9 days	12 hours	24 hours	12 hours	12 hrs
PHI (days)	14 days	22 days	7 days	7 days	7 days	7 days

Mites

Product	Acramite 50 WS	Kanemite 15 SC	SuffOil-X	Envidor 240SC	Magister SC	Nexter SC
Pack size	454 g	5 L	9.46 L or 113.5 L	3 L	9.46 L	2 L
Insecticide/ Miticide group	20D	20B	NC	23	21A	21
Rate (kg or L/ha)	568-851 g/ha (2.5 to 3.75 pouches/ha)	2.07 L/ha	10 L/1000 L of water. Apply a maximum of 1000 L of spray solution/ha.	750 mL/ha	1.75 -2.34 L/ha. Apply in at least 500 L/ha. Use higher rates for heavier mite pressure.	500-1000 mL/ha
Rainfast	n/a		Avoid application of this product when heavy rain is forecasted.			n/a
REI	12 hours	12 hours	12 hours	12 hours	12 hours to 17 days	24 hours
PHI (days)	7 days	14 days	12 hours	7 days	10 days	25 days
Mites controlled	European Red Mite, Twospotted Spider Mite, McDaniel Spider Mite	European Red Mite, Twospotted Spider Mite	Twospotted Spider Mite, McDaniel Spider Mite	European Red Mite, Apple Rust Mite, Twospotted Spider Mite, McDaniel Spider Mite		

Plum curculio *(Conotrachelus nenuphar)*

Product	Cormoran	Imidan WP	Perm-Up EC	Silencer 120 EC	Up-Cyde 2.5 EC	Zivata
Pack size	10.08 L	2.265 kg	1 L	3.78 L	1 L	4.08 L
Insecticide/ Miticide group	4 + 15	1 B	3	3	3	3
Rate (kg or L/ha)	1050-1260 mL/ha	2.68 kg/ha	520 mL/ha	104 mL/ha	400 mL/ha	104 mL/ha
Rainfast	Avoid application when heavy rain is forecasted.					
REI	12 hrs to 7 days	12 hrs to 9 days	12 hours	24 hours	12 hours	12 hours
PHI (days)	14 days	22 days	7 days	7 days	7 days	7 days

Obliquebanded leafroller (OBLR) *(Choristoneura rosaceana)*

Product	Imidan WP	Perm-Up EC	Shenzi 400 SC	Silencer 120 EC	Spear-LEP	Up-Cyde 2.5 EC	Zivata
Pack size	2.265 kg	1 L	4 L	3.78 L	5 L	1 L	4.08 L
Insecticide/ Miticide group	1 B	3	28	3	32	3	3
Rate (kg or L/ha)	2.68 kg/ha	520 mL/ha	125-250 mL/ha	83 mL/ha	1.2-2.3 L/ha	400 mL/ha	104 mL/ha
Rainfast	Avoid application when heavy rain is forecasted.						
REI	12 hrs to 9 days	12 hours	12 hours	24 hours	4 hours	12 hours	12 hours
PHI (days)	22 days	7 days	5 days	7 days	0 days	7 days	7 days

Always read and follow label direction.

Fire blight *(Erwinia amylovora)*

Product	Kasumin 2L	OxiDate	Regalia Rx
Pack size	10 L	18.9 L or 1041 L	9.5 L
Fungicide group	24	NC	P5
Rate (kg or L/ha)	100 ppm (e.g., 5.0 L/ha in 1000 L/ha of water)	100 mL in 10 L of water, (1.0% (v:v)). No more than 93.5 L /ha/application.	5-10 L/ha. Do not exceed a concentration of 0.5% v/v (5 L in 1000 L of water) during bloom.
Rainfast	Avoid application when heavy rain is forecasted.		1 hour
REI	12 hours	n/a	4 hours
PHI (days)	90 days	0 day	0 day

Apple scab / Scab *(Venturia inaequalis)*

Product	Captan 80 WSP	EcoSwing	Folpan 80 WDG	Maestro 80 WSP	Microthiol Disperss	Manzate Pro-Stick	Manzate Max	OxiDate	Syllitt 400 FL
Pack size	1 kg	9.45 L	5 kg	1 kg	25 kg	20 kg	10 L	18.9 L or 1041 L	5 L
Fungicide group	M4	BM 01	M4	M4	M2	M3	M3	NC	U12
Rate (kg or L/ha)	3 kg/ha	1.75-2.35 L/ha	3.0-3.75 kg/ha	3 kg/ha	400-500 g/100 L water (12 to 15 kg/ha)	3.6 kg/ha	5.63 L/ha	100 mL in 10 L of water, (1.0% (v:v)). No more than 93.5 L /ha/app.	1.75-3.65 L/ha
Rainfast	n/a	3 hours	n/a	n/a	n/a	Avoid application when heavy rain is forecasted.			
REI	2 to 24 days	4 hours	12 hrs to 6 days	2 to 24 days	24 hours	12 hrs to 35 days		n/a	48 hours
PHI (days)	15 to 19 days	0	1 day	15 to 19 days	1 day	77 days	77 days	0 day	7 days

Powdery mildew *(Podosphaera leucotricha)*

Product	Microthiol Disperss	OxiDate	Regalia Rx	SuffOil-X
Pack size	25 kg	18.9 L or 1041 L	9.5 L	9.46 L or 113.5 L
Fungicide group	M2	NC	P5	NC
Rate (kg or L/ha)	750 g/100 L water (22.5 kg/ha)	Dilute 100 mL/10 L of water, i.e. 1.0% (v:v). No more than 93.5 L/ hectare/application.	5-10 L/ha. Do not exceed a concentration of 0.5% v/v (5 L in 1000 L of water) during bloom.	10 L/1000 L of water. Max 1000 L of spray solution/ha.
Rainfast	n/a	Avoid application before rain.	1 hour	Avoid application when heavy rain is forecasted.
REI	24 hours	n/a	4 hours	12 hours
PHI (days)	1 day	0 day	0 day	12 hours

Biostimulants

Product	BioPolin	OHM	LalStim OSMO	
Pack size	1 L or 5 L	8.1 L	2 kg	
Rate (kg or L/ha)	2 L in 500-750 L of water for 1 hectare.	1.5 L/ha	0.5 kg/ha	4-7 kg/ha
Rainfast	Treatment should be repeated if heavy rain occurs just after spraying.	n/a	n/a	

Broad leaved and grassy weeds

Product	Casoron G-4	Sandea WG	
Pack size	22.7 kg	283 g	
Herbicide group	20	2	
Rate (kg or L/ha)	110-175 kg/ha. The amount used should be based on the area actually treated. Refer to label for application instructions.	35 – 70 g/ha	52.5-140 g/ha
Rainfast	Avoid application when heavy rain is forecasted.	4 hours	
REI	n/a	12 hours	
PHI (days)	n/a	14 days	
Controlling	Broadleaf and grassy weeds		Nutsedge

SOLUTIONS
for a simplified
management of
apple crops.

- Insect/Mite management
- Disease management
- Biostimulant
- Weed management

