

Luna[®]

EXPERIENCE



SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

Reg. No. L9436 (Act No. 36 of 1947)

A systemic suspension concentrate fungicide for the control of powdery mildew in apples and grapes as well as scab in apples and pears.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L9436 (Wet Nr. 36 van 1947)

'n Sisteemse suspensie konsentraat swamdoder vir die beheer van poeieragtige skimmel in appels en druiwe sowel as skurfsiekte in appels en pere.

GROUP / GROEP	3	FUNGICIDE / SWAMDODER
GROUP / GROEP	7	FUNGICIDE / SWAMDODER



WARNING

HAZARD STATEMENTS:

Causes serious eye irritation. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects. Contains 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

PRECAUTIONARY STATEMENTS:

Wear protective gloves/ protective clothing/ eye protection/ face protection. IF exposed or concerned: Call a POISON CENTER/ doctor/ physician

Active ingredients:

Tebuconazole (Triazole)..... 200 g/l
Fluopyram (Pyridinylethylbenzamide)... 200 g/l

Aktiewe bestanddele:

Tebuconazole (Triazole)..... 200 g/l
Fluopyram (Pyridinylethylbenzamide)... 200 g/l

REGISTERED BY / GEGEGISTREER DEUR: Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07

P.O. Box/Posbus 143, Isando 1600 South Africa/Suid-Afrika

TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: 0861 555 777

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BATCH NUMBER / LOTNOMMER: See on pack

DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr.: 3082

Bayer

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Luna[®]

EXPERIENCE

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Fungicide

A systemic suspension concentrate fungicide for control of the diseases mentioned on the crops listed.

contains:

Tebuconazole (Triazole) &
Fluopyram
(Pyridinylethylbenzamide)



RSA/0824/Luna Experience 1L/Sales Panel
Code: ZA84923834E

WARNINGS:

HAZARD STATEMENTS:

- Causes serious eye irritation.
- Suspected of damaging the unborn child.
- Very toxic to aquatic life with long lasting effects.
- Contains 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1). May produce an allergic reaction.

- **TABLE GRAPES: DO NOT APPLY AFTER THE BERRIES HAVE REACHED PEA BERRY STAGE (4 to 6 weeks prior to harvest).**
- **WINE GRAPES: DO NOT APPLY AFTER BUNCH CLOSURE**
- **APPLES: ALLOW 28 DAYS BETWEEN LAST APPLICATION AND HARVEST.**
- **PEARS: ALLOW 21 DAY BETWEEN LAST APPLICATION AND HARVEST.**

NOTE: The recommended withholding period between last application and harvest meets local residue requirements but may not meet export requirements. If the treated crop is intended for the export market, consult the relevant exporting body before application of the product, regarding pre-harvest interval requirements.

Harmful when swallowed.

Store in a cool place away from food and feeds.

Keep out of reach of children, uninformed persons and animals.

RE-ENTRY: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

ALTHOUGH THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL CLIMATIC AND STORAGE CONDITIONS; QUALITY OF DILUTION WATER; COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF THE DISEASE AGAINST THE REMEDY CONCERNED AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

PRECAUTIONARY STATEMENTS:

- Wear protective gloves/ protective clothing/ eye protection/ face protection.
- IF exposed or concerned: Call a POISON CENTER/ doctor/ physician.

Do not inhale fumes or spray mist.

Wash contaminated clothing daily.

Wash with soap and water after use.

Do not eat, drink or smoke whilst mixing, applying or before washing hands and face.

Avoid drift of spray on to other crops, grazing, rivers, dams and areas not under treatment.

Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

Rinse empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsing to the contents of the spray tank before disposing of the container in the prescribed manner.

Destroy empty container by perforation and flattening and never use for any other purpose.

Prevent contamination of food, feeds, drinking water and eating utensils.

RELEVANT SUBSTANCES:

Formulation components	CAS Numbers	Conc. (%)
Fluopyram	658066-35-4 or 619-797-7	17.70
Tebuconazole	107534-96-3	17.70
Alkyl polysaccharide	68515-73-1	> 3,0 - < 10,0
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	< 3,0
1,2-Benzisothiazol-3(2H)-one	2634-33-5	> 0,0050 - < 0,050
reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)	55965-84-9	> 0.00015 - < 0.0015

RESISTANCE MANAGEMENT:

Apply according to good agricultural practices: Integrated Pest Management (IPM) and anti-resistant management programmes.

- For resistance management, **Luna Experience** is a **group code 3** and **group code 7** fungicide.
- For effective disease control apply at least two consecutive applications of **Luna Experience** in a preventive spray programme with unrelated fungicides.
- Maximum of 3 (three) **Luna Experience** applications per season per crop are recommended.
- Alternate with products from different fungicide group codes.
- Avoid products with the same biochemical mode of action in the same crop spray programme.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

COMPATIBILITY:

- **Grapes: Luna Experience** can be used in tank mixtures with any one of the following products: **Decis Forte** (Reg. No. L6563), **Melody Duo 69 WG** (Reg. No. L6714), **Movento** (Reg. No. L8559), **Profler** (Reg. No. L8596), **Scala** (Reg. No. L4972), **Teldor 500 SC** (Reg. No. L6250).
- **Apples/Pears: Luna Experience** can be used in tank mixtures with any one of the following products: **Calypso 480 SC** (Reg. No. L6763), **Decis Forte** (Reg. No. L6563), **Movento** (Reg. No. L8559).
- Tank mixtures of **Luna Experience** with any other product than mentioned above, are not recommended.
- Allow 7 days between the application of **Luna Experience** and a dust application or products not listed above and do not apply **Luna Experience** in combination with wetters/stickers or as a tank mixture with trace or macro element sprays in grapes.

MIXING INSTRUCTIONS:

Make sure that application equipment is clean and not contaminated with other chemicals.

Half fill the spray tank with clean water. Shake the **Luna Experience** container thoroughly immediately before use. Add the required volume of product to the water in the tank while agitating.

Prepared spray mixture of **Luna Experience** must not be left in the spray tank for any length of time, e.g. overnight. Ensure that agitation takes place for a few minutes prior to commencement of spraying after normal operational stops, e.g., lunch break.

APPLICATION TECHNIQUES:

Ground application

Luna Experience may be applied using conventional spray equipment. Calibrate the apparatus before application to ensure that the correct dosage is applied. The distribution of the spray volume must be uniform throughout the target area.

APPLICATION TABLE:

CROP/DISEASE	DOSAGE RATE	REMARKS
APPLES AND PEARS Scab (<i>Venturia</i> spp.) APPLES: Powdery mildew (<i>Podosphaera leucotricha</i>)	35 ml/100 ℓ water	Apply Luna Experience as part of a preventative spray programme. Such a programme should start from the green tip stage of the trees with spray intervals of 7 - 10 days before flowering and 10 - 14 days after flowering. Although Luna Experience can be included during any time of the spray programme, it is advisable to position Luna Experience between flowering and fruit set in order to achieve optimum control. Apply a maximum of 3 sprays per season. STRICTLY ADHERE TO THE FRAC GUIDELINES (SEE THE RESISTANCE MANAGEMENT CLAUSE).
<p>NOTE: Ensure that the correct amount of fungicide is applied per hectare. This is calculated from the tree row volume (TRV) formula (see below).</p> <p>High Volume:</p> <p>The water volume to be applied per hectare must be calculated according to the TRV formula:</p> $\ell/\text{ha} = \frac{\text{Tree height} \times \text{Tree diameter} \times 937}{\text{Row width}}$ <p>The TRV calculation is the water volume required when the trees are in full leaf. Use the water volume required per hectare to calculate the amount of Luna Experience required per hectare according to the various growth stages of a tree during the season.</p> <p>Water requirements per hectare as recommended according to the following different growth stages of a tree:</p>		
Growth stage	% High volume water requirement/ha	
From green tip to ± 30 % blossom	60 %	
From ± full blossom to ± middle November	80%	
From ± start December	100%	

CROP/DISEASE	DOSAGE RATE	REMARKS
<p>TABLE AND WINE GRAPES Powdery mildew (<i>Erysiphe necator</i> = <i>Uncinula necator</i> = <i>Oidium tuckeri</i>)</p>	<p>18.75 ml/100 ℓ water</p>	<p>Commence the spray programme when the first shoots are 2 - 5 cm long and repeat at intervals of 14 days. Apply Luna Experience as a full cover spray as part of the crop spray programme. Application of Luna Experience will be most beneficial during the flowering/pea berry stages.</p> <p>Do not apply more than 3 sprays per season.</p> <p>APPLY IN A PREVENTIVE SPRAY PROGRAMME. INTEGRATE WITH OTHER FUNGICIDE TREATMENTS HAVING A DIFFERENT MODE OF ACTION.</p> <p>NOTE: High volume application: Spray to point of run-off ensuring even coverage. Depending on the leaf area present, 300 to 1500 ℓ spray mixture/ha should be applied as follows:</p>
<p>Growth Stage</p>	<p>Water volume ℓ/ha</p>	
	<p>Wine grapes</p>	<p>Table grapes</p>
<p>Shoots 2-5 cm long up to and including just before blossom</p>	<p>300 - 750</p>	<p>500 - 1 000</p>
<p>Flowering up to pea-size of the berries</p>	<p>750 - 1 000</p>	<p>1 000 - 1 500</p>
<p>Berries at pea-size up to harvest</p>	<p>1 000 - 1 500</p>	<p>-</p>

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WAARSKUWINGS:

GEVAARVERKLARINGS:

- Veroorzaak ernstige oogirritasie.
- Vermoede dat dit die ongebore kind beskadig.
- Baie giftig vir waterlewendes organismes met langdurige gevolge.
- Bevat 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Mag allergiese reaksie veroorsaak.

- **TAFEL DRUIWE: MOENIE TOEDIEN NADAT DIE KORRELS ERTJIEKORREL GROOTTE BEREIK HET NIE (4 tot 6 weke voor oes).**
- **WYN DRUIWE: MOENIE TOEDIEN NA TROSSLUITING NIE.**
- **APPELS: LAAT 28 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.**
- **PERE: LAAT 21 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.**

LET WEL: Die aanbevole onthoudings periode tussen laaste toediening en oes voldoen aan die vereistes vir plaaslike residu vlakke maar mag dalk nie voldoen aan die vereistes vir uitvoer nie. Indien die behandelde gewas bestem is vir die uitvoermark, skakel met die betrokke uitvoer liggaam voor toediening van die produk, rakende onthoudings periodes.

Skadelik wanneeringesluk.

Bewaar in 'n koel plek weg van voedsel en voer.

Hou buite bereik van kinders, oningeligte persone en diere.

HERBETREDING: Moet nie behandelde gebied betree alvorens die spuit neerslag droog is nie, tensy beskermende oorklere gedra word.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE, AANGESIEN DIE WERKING EN EFFEK DAARVAN BEÏNVOED KAN WORD DEUR FAKTORE SOOS ABNORMALE KLIMAATS-EN BERGINGSTOESTANDE; KWALITEIT VAN VERDUNNINGSWATER; VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE EN DIE VOORKOMS VAN WEERSTAND VAN DIE SIEKTE TEEN DIE BETROKKE MIDDEL SOWEL AS DIE METODE, TYD EN AKKURAATHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADELIGE EFFEK OP MENS OF DIER OF VIR 'N GEBREK AAN PRESTASIE VAN DIE BETROKKE MIDDEL AS GEVOLG VAN DIE VERSUIM VAN DIE GEBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONTSTAAN VAN TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE VERSKAFFER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

VOORSORGMAATREÛLS:

VOORSORGSVERKLARINGS:

- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.
- INDIEN blootgestel of besorg, verkry mediese advies.

Verhoed inaseming van dampe en spuitmis.

Was besoedelde klere daaglik.

Was met seep en water na gebruik.

Moet nie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.

Verhoed wegdrywing van spuitstof na ander gewasse, weiding, riviere, damme of areas nie onder behandeling nie.

Maak spuitapparaat skoon na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, riviere en damme kan besoedel nie.

Spoel leë houer drie keer uit met 'n volume water gelyk aan ten minste een tiende van die van die houer en voeg die uitspoelwater by die inhoud van die spuittenk voordat van die houer op die voorgeskrewe metode ontslae geraak word.

Vernietig leë houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.

Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

RELEVANTE STOWWE:

Formulation components	CAS Numbers	Conc. (%)
Fluopyram	658066-35-4 or 619-797-7	17.70
Tebuconazole	107534-96-3	17.70
Alkyl polysaccharide	68515-73-1	> 3,0 – < 10,0
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	< 3,0
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WEERSTANDBESTUUR:

Dien toe volgens goeie landboupraktjke: Geïntegreerde Plaagbestuur (GPB) en anti-weerstandsbestuur-programme.

- Vir weerstandsbestuur is **Luna Experience** 'n **groepkode 3** en **groepkode 7** swamdoder.
- Vir effektiewe siektebeheer dien ten minste twee agtereenvolgende **Luna Experience** bespuitings toe in 'n voorkomende spuitprogram met ander onverwante swamdoders.
- 'n Maksimum van 3 **Luna Experience** toedienings per gewas per seisoen word aanbeveel.
- Wissel bespuitings af met produkte van verskillende swamdoder groepkodes.
- Vermoed toediening van produkte met dieselfde metode van werking in dieselfde spuitprogram.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI.

VERENIGBAARHEID:

- **Tafel- en Wyndrywe:** **Luna Experience** kan in tenkmengsels met enige van die volgende produkte gebruik word: **Decis Forte** (Reg. Nr. L6563), **Melody Duo 69 WG** (Reg. Nr. L6714), **Movento** (Reg. Nr. L8559), **Profler** (Reg. Nr. L8596), **Scala** (Reg. Nr. L4972), **Teldor 500 SC** (Reg. Nr. L6250).
- **Appels/Pere:** **Luna Experience** kan in tenkmengsels met enige van die volgende produkte gebruik word: **Calypso 480 SC** (Reg. Nr. L6763), **Decis Forte** (Reg. Nr. L6563), **Movento** (Reg. Nr. L8559).
- Tenkmengsels van **Luna Experience** met enige ander produk as hierbo genoem, word nie aanbeveel nie.
- Laat 7 dae toe tussen die toediening van **Luna Experience** en 'n bestuiwingsbehandeling of produkte wat nie hierbo genoem word nie en moenie **Luna Experience** saam met benattings-/kleefmiddels of in 'n tenkmengsel saam met spoor- of makro-element bespuitings op wingerd toedien nie.

MENGINSTRUKSIES:

Verseker dat spuitapparaat skoon is en nie met ander middels gekontamineer is nie.

Maak die spuittenk half vol met skoon water. Skud die **Luna Experience** houër deeglik onmiddellik voor gebruik. Voeg die benodigde hoeveelheid produk by die water in die tenk terwyl geroer word.

Vorbereide spuitmengsels van **Luna Experience** moet nie vir enige tydskuur in die spuittenk gelaat word nie, bv. oornag. Verseker dat die spuitmengsel deeglik geroer word indien kort onderbrekings van die spuitproses plaasgevind het, bv. etenstyd.

TOEDIENINGSTEGNIEKE:

Grondtoediening

Luna Experience mag met konvensionele spuitapparaat toegedien word. Kalibreer die spuitapparaat voor toediening om te verseker dat die regte dosis gelewer word. Die verspreiding van die spuit volume moet egalig oor die teikengebied wees.

TOEDIENINGSTABEL:

GEWAS/SIEKTE	TOEDIENINGS HOEVEELHEID	OPMERKINGS
APPELS EN PERE Skurfsiekte (<i>Venturia</i> spp.) APPELS: Poeieragtige skimmel (<i>Podosphaera leucotricha</i>)	35 ml/100 ℓ water	Dien Luna Experience as deel van 'n voorkomende spuitprogram toe. So 'n program behoort in aanvang te neem vanaf die groenpunt stadium van die bome met spuit intervale van 7 to 10 dae voor blom en 10 tot 14 dae na blom. Alhoewel Luna Experience ten enige tyd van die spuitprogram toegedien kan word, is dit raadsaam om toediening tussen blomstadium en vrugset te posisioneer vir optimale beheer. Dien 'n maksimum van 3 bespuitings per seisoen toe. DIE FRAC RIGLYNE MOET STRENG NAGEKOM WORD (SEIN DIE WEERSTANDBESTUUR KLOUSULE).
NOTA: Verseker dat die korrekte hoeveelheid swamdoder per hektaar toegedien word. Dit word volgens die boomryvolume (BRV) formule bereken (sien onder).		
Hoë Volume: Die watervolume wat per hektaar toegedien word, moet volgens die BRV formule bereken word: ℓ/ha = Boomhoogte X Boomdeursnit X 937 Rywydte		
Die BRV berekening gee die watervolume wat benodig word wanneer die bome in volle blad is. Gebruik die watervolume per hektaar om die hoeveelheid Luna Experience te bereken wat per hektaar benodig word tydens die verskillende groeistadia van 'n boom gedurende 'n seisoen.		
Watervolumes per hektaar soos aanbeveel volgens die volgende verskillende groeistadia van 'n boom:		
Groeistadium	% Hoë volume waterbehoefte/ha	
Vanaf groenpunt tot ± 30 % blom	60 %	
Vanaf ± volblom tot ± middel November	80%	
Vanaf ± begin Desember	100%	

GEWAS/SIEKTE	TOEDIENINGS HOEVEELHEID	OPMERKINGS
TAFEL- EN WYNDRUIWE Poeieragtige skimmel (<i>Erysiphe necator</i> = <i>Uncinula necator</i> = <i>Oidium tuckeri</i>)	18.75 m ³ /100 ℓ water	<p>Begin die spuitprogram sodra die eerste lote 2 – 5 cm lank is en herhaal bespuitings met intervalle van 14 dae. Dien Luna Experience toe as 'n algehele dekbespuiting as deel van die gewas spuitprogram. Die mees geskikte tyd van die toediening van Luna Experience is tydens die blom/ertjiekorrel stadia.</p> <p>Moenie meer as 3 bespuitings per seisoen toedien nie.</p> <p>DIEN TOE IN 'N VOORKOMENDE SPUITPROGRAM. INTEGREER MET ANDER SWAMDODER BEHANDELINGS MET 'N ALTERNATIEWE METODE VAN WERKING.</p>

NOTA:

Hoë volume toediening:

Spuit tot die punt van afloop en verseker egalige bedekking. Afhangende van die blaaroppervlakte teenwoordig, dien 300 tot 1500 ℓ spuitmengsel as volg per ha toe:

Groeistadium	Water volume //ha	
	Wyndruiwe	Tafeldruiwe
Lote 2-5 cm lank tot en met net voor blom	300 - 750	500 - 1 000
Blomstadium tot ertjiekorrelgrootte van die korrels	750 - 1 000	1 000 - 1 500
Korrels ertjiekorrelgrootte tot oestyd	1 000 - 1 500	-

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