

**BASF**  
We create chemistry

# Duett® Star

Reg. No. L10958; N-AR 2191

Act No. 36 of 1947

READ ATTACHED PACKAGE OR LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

GROUP	3	5	FUNGICIDES
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A suspo-emulsion (SE) systemic fungicide for the control of diseases as listed in barley, maize and wheat.

'n Suspo-emulsie (SE) sistemiese swamdoder vir die beheer van siektes soos aangedui op gars, koring en mielies.



WARNING

Harmful if inhaled.  
Suspected of causing cancer.  
Suspected of damaging fertility. Suspected of damaging the unborn child.  
Very toxic to aquatic life with long lasting effects.  
Wear protective gloves, protective clothing and eye protection or face protection.  
Do not breathe mist or vapour.



Active ingredients: Fenpropimorph (morpholine).....250 g/l  
Aktiewe bestanddele: Epoxiconazole (triazole).....84 g/l

**Registered by:**  
BASF South Africa (Pty) Ltd  
Co. Reg. No. 66/10235/07  
P.O. Box 2801  
Halfway House 1685

**Geregistreer deur:**  
BASF Suid-Afrika (Edms) Bpk  
Mpy. Reg. Nr 66/10235/07  
Posbus 2801  
Halfweghuis 1685

**Batch No. & Date manufactured: Refer to details printed on container**  
**Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer**  
**EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946**

\* = Registered trademark of BASF / Geregistreerde handelsmerk van BASF

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## ENGLISH

### WARNINGS

#### Hazard Statements:

- Harmful if inhaled.
- Suspected of causing cancer.
- Suspected of damaging fertility. Suspected of damaging the unborn child.
- Very toxic to aquatic life with long lasting effects.

**Withholding periods:** Allow the following minimum number of days between last application and harvest:

CROP	DAYS
Maize	56
Wheat and barley	60

- Handle with care.
- Keep out of reach of children, uninformed persons and animals.
- Store away from food and feed.
- RE-ENTRY INTERVAL: Do not enter treated area within one day after treatment, unless wearing protective clothing.
- AERIAL APPLICATION: Notify and warn all inhabitants in the immediate area of the intended application and issue the necessary warnings. Do not spray over adjacent areas, or water, or permit spray to drift there.
- Do not graze before harvesting.

**Although this remedy has been 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 soil, 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, harm to man or animal, or for lack of performance of the remedy concerned, due 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:

- If medical advice is needed, have product container or label at hand.
  - Keep out of reach of children.
  - Read carefully and follow all instructions.
  - Wear protective gloves, protective clothing and eye protection or face protection.
  - Use only outdoors or in a well-ventilated area.
  - Obtain special instructions before use.
  - Do not breathe the mist or vapour.
  - Do not handle until all safety precautions have been read and understood.
  - Call a POISON CENTRE or physician if you feel unwell.
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - IF exposed or concerned: Get medical attention.
  - Collect spillage.
  - Store locked up.
  - Dispose of contents and container to hazardous or special waste collection point.
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- Wear rubber gloves and boots and face shield when handling concentrate.
  - Wash after accidental skin contact.
  - Do not eat, drink or smoke whilst mixing and applying or before washing hands and face.
  - Prevent spray drift onto other crops, grazing, rivers and dams.
  - TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
  - Destroy empty container and never use for any other purpose.
  - Prevent contamination of food, feed, drinking water and eating utensils.

## RELEVANT SUBSTANCES

<b>Hazardous ingredients</b> According to UN GHS criteria	<b>CAS number</b>	<b>Concentration (W/W)</b>
fenpropimorph (ISO); cis-4-[3-(p-tert-butylphenyl)- 2-methylpropyl]-2,6- dimethylmorpholine	67564-91-4	24,53 %
epoxiconazole(ISO); (2RS,3SR)-3-(2-chlorophenyl)- 2-(4-fluorophenyl)-[[1H-1,2,4- triazol-1-yl)methyl]oxirane	133855-98-8	8,24 %
Alcohols, C16-18, ethoxylated propoxylated	68002-96-0	< 10 %
Benzenesulfonic acid, hydroxy-, polymer with formaldehyde, phenol and urea, sodium salt	102980-04-1	< 5 %
Solvent naphtha (petroleum), heavy arom.	64742-94-5	< 3 %
1,2-Benzisothiazol-3(2H)-one	2634-33-5	< 0,05 %
Propane-1,2-diol	57-55-6	< 5 %

## FIRST AID TREATMENT

<b>ON CONTACT WITH EYES:</b>	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
<b>ON INGESTION:</b>	Immediately rinse mouth and then drink 200 to 300 ml of water, seek medical attention.
<b>ON SKIN CONTACT:</b>	Wash thoroughly with soap and water.
<b>IF INHALED:</b>	Keep patient calm, remove to fresh air, seek medical attention.

**TREATMENT:** Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## RESISTANCE WARNING

For resistance management, Duett® Star is a Group Codes 5 and 3 fungicide. Any fungal population may contain individuals naturally resistant to Duett® Star and other Group Codes 5 and 3 fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly and exclusively in programmes. These resistant fungi may not be controlled by Duett® Star or any other Group Codes 5 and 3 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same Fungicide Group Codes. Alternate with products from different Fungicide Group Codes.
- For tank mixing or alternation with products in other Fungicide Group Codes refer to applicable individual product labels.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.
- Anti-resistance strategy: In order to maintain the efficacy of Duett® Star it is necessary to prevent the development of resistance of the disease against fungicides of the triazole and morpholine groups. It is therefore recommended to limit the number of applications with triazole and morpholine fungicides, including Duett® Star, to two per season.

**FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT CONTACT THE REGISTRATION HOLDER, BASF SA (PTY) LTD.**

## DIRECTIONS FOR USE: USE ONLY AS DIRECTED

### Mixing instructions:

Half fill the spray tank with clean water and start agitation. Shake the container well before use and then measure the required quantity of **Duett® Star** and premix this with at least 10 ℓ of water. Add this mixture to the water in the spray tank while agitating the

mixture. Fill the spray tank with the required volume of water while maintaining agitation to ensure thorough mixing of the spray mixture before spraying commences. Maintain agitation during the whole spraying operation. Any prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

#### **Application instructions:**

**Duett® Star** should be applied as a preventive treatment.

Do not exceed two applications of **Duett® Star** per season.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

#### **Aerial application:**

Aerial application of **Duett® Star** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- **Volume:** A spray mixture volume of 30 – 40 ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 25 to 35 droplets per cm<sup>2</sup> must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 280 to 300 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
  - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
  - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.

- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

**Dosage table:**

CROP	DISEASE	DOSAGE ℓ/ha	DIRECTIONS FOR APPLICATION
<b>Barley</b>	Leaf spot ( <i>Rhynchosporium secalis</i> )  Net blotch ( <i>Pyrenophora teres</i> )  Brown (Leaf) rust ( <i>Puccinia hordei</i> )	0,8	Commence spraying at the first signs of infection. Repeat application if necessary 28 – 35 days later.  <b>Ground application:</b> Apply in 200 – 250 ℓ water/ha.  <b>Aerial application:</b> Apply in 30 – 40 ℓ water/ha.  Do not exceed two applications of <b>Duett® Star</b> per season.
<b>Maize</b>	Grey leaf spot ( <i>Cercospora zea-maydis</i> )  Northern leaf blight ( <i>Exserohilum turcicum</i> )  Common rust ( <i>Puccinia sorghi</i> )	0,8	Commence spraying at the 5 – 6 leaf stage of the crop or at first signs of infection. Treatments are intended to be preventive. Repeat application 21 – 28 days later. Under high disease pressure apply second application at the earlier interval.  <b>Ground application:</b> Apply in 200 ℓ water/ha.  Do not exceed two applications of <b>Duett® Star</b> per season.
<b>Wheat</b>	Brown rust ( <i>Puccinia triticina</i> )  Stripe rust ( <i>Puccinia striiformis</i> )  Powdery mildew ( <i>Erysiphe graminis</i> )  Speckled leaf blotch and Glume blotch ( <i>Septoria</i> spp.)  Stem rust ( <i>Puccinia graminis</i> )	0,8	Commence spraying at the first signs of infection. Repeat application if necessary 28 – 35 days later.  <b>Ground application:</b> Apply in 200 – 250 ℓ water/ha.  <b>Aerial application:</b> Apply in 30 – 40 ℓ water/ha.  Do not exceed two applications of <b>Duett® Star</b> per season.

### **Conditions of Sale and Warranty**

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of this product in a manner inconsistent with its labeling, all of which are beyond the control of BASF South Africa (Pty) Ltd. ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of the Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

**Duett® Star** is a Registered Trademark of BASF.



## AFRIKAANS

### WAARSKUWINGS

#### **Gevaarstellings:**

Skadelik indien ingeasem.

Mag kanker veroorsaak.

Mag vrugbaarheid benadeel. Mag skadelik wees vir 'n ongebore kind.

Baie giftig vir akwatiese organismes met langdurige effek.

#### **LAAT DIE VOLGENDE MINIMUM AANTAL DAE TOE TUSSEN DIE LAASTE TOEDIENING EN OES OF BEWEIDING:**

GEWAS	DAE
Mielies	56
Koring en Gars	60

- Hanteer versigtig.
- Hou buite bereik van kinders, ongeligte persone en diere.
- Bêre weg van kos en voer.
- HERBETREDING: Moenie behandelde gebied betree vir een dag na die bespuiting nie, tensy beskermende oorklere gedra word.
- LUGTOEDIENING: Verwittig en waarsku alle inwoners in die onmiddellike gebied van die beoogde toedienings en reik die nodige waarskuwings uit. Moenie oor aangrensende gebiede of water spuit of spuitstof daarheen laat oorwaai nie.
- Geen beweiding voor oes.

**Alhoewel hierdie middel 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, deur faktore soos abnormale grond-, 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 beïnvloed kan word, die metode, tyd en akkuraatheid van toediening kan ook die werking en doeltreffendheid van die middel beïnvloed. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing nie, of vir nadelige effek op mens of dier nie, of vir onvoldoende prestasie van die betrokke middel weens die versuim van die gebruiker om etiketaanwysings na te kom nie, of weens toestande wat nie krakens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.**

## VOORSORGMATREËLS

### Voorsorgstellings:

- Indien mediese advies nodig is, hou die produkhouer of etiket byderhand
  - Hou buite bereik van kinders
  - Lees etiket noukeurig en volg alle instruksies
  - Dra beskermende handskoene, -klere en gesigskerm.
  - Gebruik slegs buite of in 'n goed geventileerde area
  - Verkry spesiale instruksies voor gebruik.
  - Moenie spuitnewel of dampe inasem nie.
  - Moenie produk hanteer voordat alle voorsorgmaatreëls gelees en verstaan is nie.
  - Skakel 'n GIFBEHEERSENTRUM of 'n geneesheer indien u siek voel.
  - INDIEN INGEASEM: Verwyder persoon na vars lug en hou gemaklik sodat hy/sy kan asemhaal
  - Indien blootgestel of bekommerd is oor moontlike blootstelling: skakel 'n GIFSENTRUM of dokter/geneesheer
  - Maak produk bymekaar wat gemors / uitgeloop het.
  - Bêre agter slot en grendel.
  - Raak ontslae van inhoud en houer deur na 'n gevaarlike- of spesiale-afval insamelinplek te besorg.
- 
- Dra rubberhandskoene en -stewels en gesigskerm wanneer konsentreer hanteer word.
  - Was na toevallige velkontak.
  - Moenie eet, drink of rook gedurende vermenging of toediening of voor hande en gesig gewas is nie.
  - Verhoed wegdrywing van spuitnewel na ander gewasse, weivelde, riviere en damme.
  - SPOEL LEË HOUER DRIE KEER AS VOLG: Keer die leë houer oor die spuit of mengtenk om en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het Spoel daarna die leë houer drie keer na mekaar met een kwart van die houervolume vars water en giet die spoelwater in die spuittenk of mengtenk oor Kap gate in die drie keer gespoelde houer waarna dit aan 'n goedgekeurde versamelaar of verwerker oorhandig moet word (www.croplife.co.za) Moet nie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie
  - Vernietig leë houer en moet nooit vir enige ander doel gebruik nie.
  - Vermyn besoedeling van voedsel, voer, eetgerei en drinkwater.

## RELEVANTE STOWWE

Gevaarlike bestanddele Volgens UN GHS kriteria	CAS nommer	Konsentrasie (W/W)
fenpropimorph (ISO); cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine	67564-91-4	24,53 %
epoxiconazole(ISO); (2RS,3SR)-3-(2-chlorophenyl)-2-(4-fluorophenyl)-[(1H-1,2,4-triazol-1-yl)methyl]oxirane	133855-98-8	8,24 %
Alcohols, C16-18, ethoxylated propoxylated	68002-96-0	< 10 %
Benzenesulfonic acid, hydroxy-, polymer with formaldehyde, phenol and urea, sodium salt	102980-04-1	< 5 %
Solvent naphtha (petroleum), heavy arom.	64742-94-5	< 3 %
1,2-Benzisothiazol-3(2H)-one	2634-33-5	< 0,05 %
Propane-1,2-diol	57-55-6	< 5 %

## NOODHULPBEHANDELING

<b>INDIEN IN DIE OË:</b>	Spoel aangetaste oë vir ten minste 15 minute met lopende water, terwyl die ooglede oopgehou word.
<b>INDIEN INGESLUK:</b>	Spoel mond dadelik uit en drink dan 200-300 ml water. Verkyr mediese hulp.
<b>INDIEN OP DIE VEL:</b>	Was vel deeglik met seep en water.
<b>INDIEN INGEASEM:</b>	Hou pasiënt kalm en verwyder na vars lug. Verkyr mediese hulp.

**BEHANDELING:** Behandel simptome (reinig, belangrikste funksies). Daar is geen spesifieke teenmiddel nie.

## WAARSKUWING TEEN WEERSTAND

**DUETT® STAR** is 'n **FRAC Groepkodes 5 & 3 swamdoder**. Enige swampopulasie van 'n spesifieke soort mag individue insluit wat 'n natuurlike weerstand teen **DUETT® STAR** en enige ander groepkodes 5 & 3 swamdoders het. Indien hierdie swamdoders herhaaldelik en uitsluitlik in programme aangewend word, kan die weerstandige individue uiteindelik die swampopulasie oorheers. Hierdie weerstandige swamme sal waarskynlik nie deur **DUETT® STAR** of enige ander groepkodes 5 & 3 swamdoders beheer word nie.

Om weerstand teen swamdoders te verhoog:

- Vermyn die uitsluitlike, herhaaldelike gebruik van swamdoders in dieselfde swamdoder-groepkode. Wissel af met, of gebruik tenkmengels van produkte in verskillende onkruidodder-groepkodes.
- Sien toepaslike, individuele produketikette wanneer afwisseling met produkte in ander swamdoder-groepkodes gedoen word, of wanneer ander tenkmengels gebruik word.
- Integreer ander beheermaatreëls (chemies, bewerking en biologies) in swambeheerprogramme.
- Teen-weerstand strategie: Om weerstand teen swamdoders teen siektes te verhoog en die werking van **Duett® Star** en ander triasool en morpholine swamdoders te behou, moet die toediening van **Duett® Star** en ander triasool en morpholine swamdoders na 2 toedienings per seisoen beperk word

**VIR SPESIEFIEKE INLIGTING OOR WEERSTANDBESTUUR, KONTAK DIE REGISTRASIEHOUER, BASF SUID AFRIKA (Edms) Bpk.**

## GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS VOORGESKRYF

### Menginstruksies:

Maak die spuittenk halfvol met skoon water en begin die mengsel roer. Skud die houer goed voor gebruik en meet die benodigde hoeveelheid **Duett® Star** af en meng dit vooraf met minstens 10 l water. Voeg hierdie mengsel by die water in die spuittenk terwyl die mengsel geroer word. Vul die spuittenk met die benodigde hoeveelheid water terwyl daar nog steeds geroer word ten einde deeglike vermenging van die spuitmengsel te verseker alvorens daar begin word met bespuiting. Handhaaf roering gedurende die hele spuitproses. Aangemaakte spuitmengsel moenie in die spuittenk gelaat word vir enige bepaalde tydperk, bv. oornag, nie.

### Toedieningsinstruksies

**Duett® Star** moet voorkomend toegedien word.

Moenie **Duett® Star** meer as twee keer per seisoen toedien nie.

Alle toedienings moet met gesikte toerusting gedoen word wat in goeie werkende toestand en korrek gekalibreer is, ten einde die verlangde bedekking te gee vir die betrokke toedieningsmetode.

### Lugtoediening:

**Duett® Star** kan slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Pesticides) toegedien word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word, en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:

- **Volume:** 'n Spuitmengselvolume van 30 – 40 ℓ per ha word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- **Druppelbedekking:** 25 – 35 druppels per cm<sup>2</sup> moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 280 – 300 mikron word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikron (hoë dryingen en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die spuitbalk bo die teiken op 3 – 4 meter. Moenie spuit wanneer die vliegtuig duik, uitklim of draai nie.
- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste maonlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binneste 60 – 75% van die vlerkspan om te verhoed dat druppels binne-in die vlerkpuntvorteks beweeg.
- Die verskil in temperatuur tussen die nat- en droëboltermometer van 'n swaaihigrometer, moenie 8°C oorskry nie.
- Stop bespuiting indien die windspoed 15 km / uur oorskry.
- Stop bespuiting tydens turbulente, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur inversie toestande (deur bo of binne die inversie laag te spuit) en / of hoë lugvog toestande (relatiewe humiditeit 80% en meer) mag tot volgende probleme aanleiding gee:
  - Verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en maonlik verdamp (onvoldoende bedekking op teiken).
  - Skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrying van die spuitwolk na nie-teiken area.
- Verseker dat die lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n versekering van die lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

Alle toedienings moet gemaak word met geskikte toerusting, wat in goeie werkende toestand en korrek gekalibreer is, ten einde die verlangde bedekking te gee, vir die betrokke toedieningsmetode.

GEWAS	SIEKTE	DOSIS €/ha	GEBRUIKSAANWYSINGS
<b>GARS</b>	Blaarvlek ( <i>Rhynchosporium secalis</i> )  Netvlek ( <i>Pyrenophora teres</i> )  Bruin blaarroes ( <i>Puccinia hordei</i> )	0.8	Dien die eerste toediening van <b>Duett® Star</b> toe met eerste tekens van infeksie. Indien nodig, herhaal toediening 28 – 35 dae later.  <b>Grondtoediening:</b> Dien in 200 – 250 ℓ water/ha toe. <b>Lugtoediening:</b> Dien in 30 – 40 ℓ water/ha toe.  Moenie <b>Duett® Star</b> meer as twee keer per seisoen toedien nie.
<b>KORING</b>	Bruinroes ( <i>Puccinia triticina</i> )  Geelroes (Streeproes) ( <i>Puccinia striiformis</i> )  Poeieragtige skimmel (meeldou) ( <i>Erisiphe graminis</i> )  Stamroes ( <i>Puccinia graminis</i> )  Vaalblaar en Bruinaarsiekte ( <i>Septoria</i> spp.)	0.8	Dien die eerste toediening van <b>Duett® Star</b> toe met eerste tekens van infeksie. Indien nodig, herhaal toediening 28 – 35 dae later.  <b>Grondtoediening:</b> Dien in 200 – 250 ℓ water/ha toe. <b>Lugtoediening:</b> Dien in 30 – 40 ℓ water/ha toe.  Moenie <b>Duett® Star</b> meer as twee keer per seisoen toedien nie.
<b>MIELIES</b>	Grysblaarvlek ( <i>Cercospora zaeae-maydis</i> )  Noordelike blaarskroei ( <i>Exserohilum turcicum</i> )  Roes ( <i>Puccinia sorghi</i> )	0.8	Dien eerste bespuiting toe tydens 5 – 6 blaarstadia van die gewas of met eerste tekens van infeksie. <b>Duett® Star</b> moet voorkomend toegedien word. 'n Tweede toediening moet 21 – 28 dae later gemaak word. Onder hoë siektedruk, gebruik die vroeër interval.  <b>Grondtoediening:</b> Dien in 200 ℓ water/ha, toe.  Moenie <b>Duett® Star</b> meer as twee keer per seisoen toedien nie.

## **VERKOOPSVOORWAARDES EN WAARBORG**

Die GEBRUIKSAANWYSINGS van hierdie produk weerspieël die opinie van kundiges, gebaseer op gebruik in die veld en in proewe. Die aanwysings word as betroubaar geag en moet noukeurig nagekom word. Dit is egter onmoontlik om alle risiko's wat inherent met die gebruik van hierdie produk geassosieer word, uit te skakel. Gewasskade, oneffektiwiteit of ander onopsetlike gevolge mag voorkom as gevolg van faktore soos weerstoestande, teenwoordigheid van ander materiale, of wanneer die produk op 'n wyse wat teenstrydig met die etiket is, gebruik word; dit alles is buite die beheer van BASF Suid-Afrika (Edms) Bpk ("BASF") of die Verkoper. In die mate waarin dit in ooreenstemming met toepaslike wetgewing is, sal alle risiko's deur die Koper aanvaar word.

BASF waarborg dat hierdie produk aan die vereistes van die chemiese beskrywing op die etiket voldoen, en is redelikerwys geskik vir die gebruiksdoeleindes soos uiteengesit in die GEBRUIKSAANWYSINGS, onderhewig aan die inherente risiko's, soos hierbo na verwys.

**IN DIE MATE WAT DIT MET TOEPASLIKE WETGEWING OOREENSTEM, GEE BASF GEEN ANDER UITDRUKKING OF GEÏMPLEASEERDE WAARBORG VAN GESKIKTHEID OF VERKOOPVERNUF OF ENIGE ANDER UITDRUKKING OF GEÏMPLEASEERDE WAARBORG NIE.**

**IN DIE MATE WAT DIT MET TOEPASLIKE WETGEWING OOREENSTEM, SAL DIE KOPER SE UITSLUITLIKE REGSMIDDEL EN BASF SE UITSLUITLIKE AANSPREEKLIKHEID, HETSY IN KONTRAK, ONREGMATIGHEID, NALATIGHEID, STRENG AANSPREEKLIKHEID, OF ANDERSINDS, BEPERK WORD TOT TERUGBETALING VAN DIE AANKOOPPRYS VAN DIE PRODUK.**

**IN DIE MATE WAT DIT MET TOEPASLIKE WETGEWING OOREENSTEM, DOEN BASF EN DIE VERKOPER, AFSTAND VAN ENIGE AANSPREEKLIKHEID TEN OPSIGTE VAN VOORTSPRUITENDE SKADE, SKADEVERGOEDING, SPESIALE OF INDIREKTE SKADE, UIT DIE GEBRUIK OF HANTERING VAN HIERDIE PRODUK.**

BASF en die Verkoper bied hierdie produk aan, en die Aankoper en Gebruiker aanvaar dit, onderhewig aan die voorafgaande Verkoopsvoorwaardes en Waarborg, wat slegs gewysig mag word deur 'n skriftelike ooreenkoms, wat na behore deur 'n gemagtigde verteenwoordiger van BASF onderteken is.

**Duett® Star** is 'n Geregistreerde Handelsmerk van BASF.

**BASF**  
We create chemistry

# Duett® Star

Reg. No. L10958; N-AR 2191

Act No. 36 of 1947

READ ATTACHED PACKAGE OR LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

GROUP	3	5	FUNGICIDES
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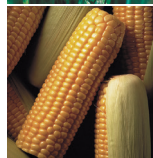
A suspo-emulsion (SE) systemic fungicide for the control of diseases as listed in barley, maize and wheat.

'n Suspo-emulsie (SE) sistemiese swamdoder vir die beheer van siektes soos aangedui op gars, koring en mielies.



WARNING

Harmful if inhaled.  
Suspected of causing cancer.  
Suspected of damaging fertility. Suspected of damaging the unborn child.  
Very toxic to aquatic life with long lasting effects.  
Wear protective gloves, protective clothing and eye protection or face protection.  
Do not breathe mist or vapour.



Active ingredients: Fenpropimorph (morpholine).....250 g/l  
Aktiewe bestanddele: Epoxiconazole (triazole).....84 g/l

Registered by:  
BASF South Africa (Pty) Ltd  
Co. Reg. No. 66/10235/07  
P.O. Box 2801  
Halfway House 1685

Geregistreer deur:  
BASF Suid-Afrika (Edms) Bpk  
Mpy. Reg. Nr 66/10235/07  
Posbus 2801  
Halfweghuis 1685

Batch No. & Date manufactured: Refer to details printed on container  
Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer  
EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946

\* = Registered trademark of BASF / Geregistreerde handelsmerk van BASF

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