

# BAYTAN<sup>®</sup>

## 150 FS

SEE ENCLOSED LEAFLET FOR FULL DETAILS

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE  
BESONDERHEDE

Reg. No. L1697 (Act No. 36 of 1947)

Reg. Nr. L1697 (Wet Nr. 36 van 1947)

**A flowable systemic fungicidal seeddressing for the control of the diseases mentioned on the crops listed.**

**'n Vloeibare sistemiese saad-behandelingsmiddel swamdoder vir die beheer van die genoemde siektes op gewasse soos aangedui.**

### FUNGICIDE GROUP CODE 3 SWAMDODER GROEPKODE

**Active ingredient:**

Triadimenol (triazole).....150 g/ℓ

**Aktiewe bestanddeel:**

Triadimenol (triazole).....150 g/ℓ

**REGISTERED BY / GEREGISTREER DEUR:**

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BATCH NUMBER: See on pack  
LOTNOMMER:

DATE OF MANUFACTURE: Sien op houer  
DATUM VERVAARDIG:

Bayer

RSA/0318/Baytan 150FS 25L/Sales Panel/  
Code: 85780026A



# BAYTAN<sup>®</sup>

## 150 FS

### Seed Treatment

A flowable systemic fungicidal seeddressing for the control of the diseases mentioned on the crops listed.

contains:  
Triadimenol (triazole)

Packaging / Verpakking:  
**25 L**



HARMFUL  
SKADELIK



# Saadbehandelingsmiddel

## WAARSKUWINGS:

**BEHANDEL SLEGS SAAD WAT GEPLANT GAAN WORD. MOET NOOIT BEHANDELDE SAAD AS VOER GEBRUIK NIE.**

Gebruik **Baytan 150 FS** slegs vir die behandeling van hoë gehalte gesertifiseerde saad.

Giftig wanneer ingeneem, ingeasem of deur die vel geabsorbeer.

Giftig vir vis en wild.

Bewaar weg van voedsel en voer.

Hou buite bereik van kinders, oningeligte persone en diere.

In die geval van vergiftiging ONTBIED 'N GENEESHEER EN TOON ETIKET AAN HOM/HAAR.

'n Tydelike vertraging in opkoms van saad wat met **Baytan 150 FS** behandel is mag voorkom. Dit is van tydelike aard en van geen ekonomiese betekenis onder normale groeitoestande nie.

Optimale saadbedtoestande is 'n vereiste vir vinnige ontkieming en opkoms van kleingraan. Deeglike saadbedvoorbereiding is dus noodsaaklik vir sukses. Dit is bekend dat buitengewone omstandighede soos: 'n baie droë-, buitengewoon los- en klusterige saadbed, gronde wat neig om toe te slaan (oppervlakte kompaksie) tydelike- of permanente versuiptoestande, te diep (meer as 50 mm) of te vlak (minder as 20 mm) plant/saai, die gebruik van saad met 'n lae persentasie ontkieming en swak kiemkragtigheid ens. aanleiding kan gee tot swak ontkieming, opkoms en plantestand. Die invloed van negatiewe omgewings- en saadtoestande op ontkieming en opkoms mag soms beklemtoon word waar saad met **Baytan 150 FS** behandel is.

**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 BEÏNVOLOED KAN WORD DEUR FAKTORE SOOS ABNORMALE GROND-, KLIMAATS- EN BERGINGSTOESTANDE; 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 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.**

## VOORSORGMATREËLS:

Moenie die sproeimis inasem nie.

Was dadelik met seep en water na hantering.

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

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

Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

Hanteer behandelde saad versigtig. Merk sakke wat behandelde saad bevat duidelik "GIFTIG" en moet hulle nooit vir enige ander doel gebruik nie.

## NOODHULPBEHANDELING:

**Beskrywing van noodhulpmaatreëls:**

**Inaseming:**

Beweeg na vars lug. Hou pasiënt warm en rustig. Kontak 'n geneesheer of die gif beheer sentrum onmiddellik.

**Velkontak:**

Was deeglik af met baie seep en water en indien beskikbaar met poliëtileen glikol 400, spoel dan met water af.

**Oogkontak:**

Spoel oë onmiddellik uit met genoegsame water, ook onder die ooglede. Verwyder kontaklense na die eerste 5 minute, indien teenwoordig en gaan voort met spoeling. Verkry mediese behandeling indien irritasie ontwikkel en voortduur.

**Ingesluk:**

MOET NIE braking veroorsaak nie. Kontak 'n geneesheer of die gif beheer sentrum onmiddellik. Spoel mond.



**Aanduiding van enige onmiddellike mediese aandag en spesiale behandeling:**

**Behandeling:**

Behandel simptome.

Maagspoeling moet oorweeg word in die geval van inname en in gevalle van beduidende innames, slegs binne die eerste 2 ure. Die toediening van geaktiveerde koolstof en natrium sulfaat is egter altyd raadsaam.

## WEERSTANDBESTUUR:

**Baytan 150 FS** is 'n groepkode 3 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **Baytan 150 FS** of enige ander groepkode 3 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **Baytan 150 FS** of enige ander groepkode 3 swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Verminder die eksklusiewe herhaaldelike gebruik van swamdoders in dieselfde swamdoder groepkode. Wissel af met, of gebruik tenkingsels van geregistreerde produkte in verskillende swamdoder groepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siekte beheer programme.

**Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.**

**GEBRUIKSAANWYSINGS:** GEBRUIK SLEGS SOOS AANBEVEEL.

Groot hoeveelhede saad kan doeltreffend in outomatiese saadbehandelingsmasjiene behandel word. Die masjiene moet gereeld nagegaan word om te verseker dat die regte hoeveelheid **Baytan 150 FS** toegedien word.

Klein hoeveelhede saad kan in 'n mengdrom behandel word wat met die hand gedraai word. Die drom word op twee stutte gestut waarop dit kan draai. Moenie die drom meer as twee-derdes vol saad maak nie en nadat die benodigde hoeveelheid **Baytan 150 FS** bygevoeg is en die deksel toegemaak is, draai die drom stadig vir 3-5 minute om te verseker dat elke saadjie met saadbehandelingsmiddel egalig bedek word.

Om te verseker dat die saad deeglik bedek word met **Baytan 150 FS** waar outomatiese saadbehandelings apparaat gebruik word, moet dit in die verhouding 1:1 met water verdun word. Hierdie verdunning met water (150 ml **Baytan 150 FS** + 150 ml water per 100 kg saad) sal geen nadelige effek op die ontkieming of storing van die saad hê nie.

Saad kan onmiddellik voor planting met **Baytan 150 FS** behandel word of vroeër en dan opgeberg word tot planttyd sonder dat ontkieming en swamdodende aktiviteit benadeel sal word.

# Saadbehandelingsmiddel

## MENGINSTRUKSIE:

**Tabak:** Voeg eerstens 'n bietjie water by die verlangde volume **Baytan 150 FS** en meng goed voordat dit by die korrekte volume water gevoeg word. Hou mengsel in suspensie gedurende gebruik.

## TOEDIENINGSTABEL:

GEWAS/SIEKTE	TOEDIENINGS- HOEVEELHEID	OPMERKINGS
<b>KORING</b> (Alleenlik besproeiingskoring en koring in die Wintereënvalstreek) Stinkbrand ( <i>Tilletia</i> ), losbrand ( <i>Ustilago</i> )	150 ml / 100 kg saad	Verseker algehele bedekking van die saad met <b>Baytan150 FS</b> .
<b>GARS</b> Bedekte brand ( <i>Ustilago hordei</i> ), losbrand ( <i>Ustilago nuda</i> )	150 ml / 100 kg saad	<b>Baytan150 FS</b> soos gebruik vir <i>Ustilago</i> - beheer op gars, sal ook poeieragtige skimmel, bruinroes en blaarvlek onderdruk.
<b>HAWER</b> Losbrand ( <i>Ustilago avenae</i> )	150 ml / 100 kg saad	Verseker algehele bedekking van die saad met <b>Baytan150 FS</b> .
<b>MIELIES</b> Kop-en pluimbrand	330 ml / 100 kg saad	Verseker algehele bedekking van die saad met <b>Baytan150 FS</b> .
<b>TABAK</b> (saadbeddings) Swart wortelvrot ( <i>Thielaviopsis basicola</i> )	15 ml / 100 ℓ water	Dien die suspensie 3 weke na opkoms van die saailinge op die saadbedding toe met 'n gieter voorsien van 'n fyn gieterkop. Dien 2 ℓ/m <sup>2</sup> toe en giet onmiddellik daarna 'n verdere 2 ℓ/m <sup>2</sup> skoon water oor dieselfde oppervlakte om die swamdoder in die wortelsone in te was.

## NOTA:

Indien korsvorming/toeslaan van grond (oppervlakte kompaksie) voorkom na plant, maar voor opkoms van die saailinge, moet die kors met behulp van 'n geskikte implement gebreek word.

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# Seed Treatment

## **WARNINGS:**

**TREAT ONLY SEED THAT IS TO BE USED FOR PLANTING PURPOSES. NEVER USE TREATED SEED FOR FEEDING.**

Use **Baytan 150 FS** only for the treatment of high quality certified seed.

Poisonous when absorbed through the skin or swallowed or inhaled.

Toxic to fish and wildlife.

Store away from food and feedstuffs.

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

In case of poisoning CALL A DOCTOR AND MAKE LABEL AVAILABLE TO HIM/HER.

There may be a delay in the emergence of seed treated with **Baytan 150 FS**. This is only of temporary nature and has been shown to be of no economic significance under normal growing conditions.

Optimal seedbed conditions are necessary for rapid germination and emergence of small grains. Thorough seedbed preparation is essential for success. It is known that reduced crop emergence can be caused by adverse factors such as: a very dry, fluffy and cloddy seedbed, soils that tend to crust (surface compaction), water logging, drilling/sowing too deep (more than 50 mm) or too shallow (less than 20 mm) use of seed with low germination capacity and vigour etc. The effect of these negative environmental- and seed conditions may be accentuated, when seed is treated with **Baytan 150 FS**.

**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 SOIL, CLIMATIC AND STORAGE CONDITIONS; 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:**

Do not inhale mist.

Wash with soap and water immediately after use.

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

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

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

Handle treated seed carefully and clearly mark the bags which contain treated seed "POISONOUS" and never use this bag again for other purposes.

## **FIRST AID TREATMENT:**

**Description of first aid measures:**

**Inhalation:**

Move to fresh air. Keep patient warm and at rest. Call a physician or poison control centre immediately.

**Skin contact:**

Wash off thoroughly with plenty of soap and water, if available with polyethylene glycol 400, subsequently rinse with water.

**Eye contact:**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Ingestion:**

Do NOT induce vomiting. Call a physician or poison control centre immediately. Rinse mouth.



**Indication of any immediate medical attention and special treatment needed:**

**Treatment:**

Treat symptomatically.

Gastric lavage should be considered in case of ingestion and in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

## **RESISTANCE MANAGEMENT:**

For resistance management, **Baytan 150 FS** is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **Baytan 150 FS** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Baytan 150 FS** or any other group code 3 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes.
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

**For specific information on resistance management contact the registration holder of this product.**

**DIRECTIONS FOR USE:** USE ONLY AS DIRECTED.

Large quantities of seed are conveniently treated in automatic seeddressing machines. The machines should be checked at intervals to ensure that the correct quantity of **Baytan 150 FS** is used.

Small quantities of seed may be treated in a manually operated drum suspended from a support by two pivots. The drum should not be filled more than two-thirds with seed and after adding the required quantity of **Baytan 150 FS** and closing the lid, rotate the drum slowly for 3-5 minutes to ensure that each seed is evenly covered with the seeddressing.

So as to ensure thorough coverage of the seed with **Baytan 150 FS** when using an automatic seed dressing machine **Baytan 150 FS** must be diluted with water in a 1:1 ratio. This dilution with water (150 ml **Baytan 150 FS** + 150 ml water per 100 kg seed) will have no adverse effect on germination or storage of seed.

Seed may be treated with **Baytan 150 FS** immediately before planting, but can also be treated earlier and stored until planting time without germination and fungicidal activity being affected.

# Seed Treatment

## MIXING INSTRUCTION:

**Tobacco:** First add a little water to the required volume of **Baytan 150 FS** and mix well before adding to the correct volume of water. Keep mixture agitated during use.

## APPLICATION TABLE:

CROP / DISEASE	DOSAGE	REMARKS
<b>WHEAT</b> (Only irrigated and in the Winter Rainfall Region) Stinking smut ( <i>Tilletia</i> ), loose smut ( <i>Ustilago</i> )	150 ml / 100 kg seed	Ensure complete coverage of the seed with <b>Baytan150 FS</b> .
<b>BARLEY</b> Covered smut ( <i>Ustilago hordei</i> ), loose smut ( <i>Ustilago nuda</i> )	150 ml / 100 kg seed	<b>Baytan150 FS</b> when used for the control of <i>Ustilago</i> on barley will also suppress powdery mildew, rust and leaf spot.
<b>OATS</b> Loose smut ( <i>Ustilago avenae</i> )	150 ml / 100 kg seed	Ensure complete coverage of the seed with <b>Baytan150 FS</b> .
<b>MAIZE</b> Cob and tassel smut	330 ml / 100 kg seed	Ensure complete coverage of the seed with <b>Baytan150 FS</b> seeddressing.
<b>TOBACCO</b> (seedbeds) Black root rot ( <i>Thielaviopsis basicola</i> )	15 ml / 100 ℓ water	Using a watering can fitted with a fine rose, drench the seedbeds 3 weeks after emergence of the seedlings with the suspension at 2 ℓ/m <sup>2</sup> . Immediately afterwards, drench the same area with a further 2 ℓ/m <sup>2</sup> of clean water to leach the fungicide into the root zone.

## NOTE:

Should surface compaction of the soil take place after planting and before emergence, this must be broken by means of a suitable implement.

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