

# Concep® 960EC

syngenta.

An emulsifiable concentrate seed treatment material to protect grain sorghum against the phytotoxic effects of DUAL GOLD or METAGAN GOLD (s-metolachlor).

## SEED TREATMENT

Active Ingredients:  
fluxofenim (oxime-ether)..... 960 g/l

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DANGER

**Hazard statements:** Harmful if swallowed or if inhaled. May damage the unborn child. Very toxic to aquatic life with long-lasting effects.

### Precautionary statements:

**Prevention:** Obtain special instructions before use. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. **Response:** If exposed or concerned, get medical advice/attention. Collect spillage. **Storage:** Store locked-up. **Disposal:** Dispose of contents/container to an approved waste disposal plant.

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UN 3082

Registration holder  
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## 1. WARNINGS:

**Hazard statements:** Harmful if swallowed or if inhaled. May damage the unborn child. Very toxic to aquatic life with long-lasting effects.

- Handle with care.
- Poisonous if swallowed.
- Store in a cool place.
- Store away from food and feed.
- Keep out of reach of children, uninformed persons and animals.
- **Do not feed seed treated with CONCEPT® 960 EC to livestock.**
- **In case of poisoning:** Call a doctor and present this label.

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, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed 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 and the environment, or harm to people or animals 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, that could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

## 2. PRECAUTIONS:

**Precautionary statements: Prevention:** Obtain special instructions before use. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. **Response:** If exposed or concerned, get medical advice/attention. Collect spillage. **Storage:** Store locked-up. **Disposal:** Dispose of contents/container to an approved waste disposal plant.

- Avoid contact with skin and eyes, and inhalation of fumes.

- Wash with soap and water after use.
- Wash contaminated clothing after use.
- Do not eat, drink, or smoke while mixing or applying the product or before washing hands and face.
- Clean applicator after use. Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Rinse the empty container three (3) times with a volume of clean water equal to a minimum of 10% of the container. Add the rinsate to the content of the spray tank before destroying the container in the prescribed manner.
- Do not use empty container for any other purpose.

## First Aid and Medical Treatment

**Symptoms of human poisoning:** Irritation to eyes, skin, or respiratory tract.

Move patient from contaminated area to fresh air.

- **Ingestion:** If patient is fully conscious, immediately administer 1 - 2 glasses of water to drink and induce vomiting. Never give anything by mouth to an unconscious person.
- **Eye contact:** Hold the eyelids apart to rinse the entire surface of the eye and lids. Do not apply any medicating agent except on the advice of a doctor.
- **Skin contact:** Wash with plenty of soap and water, including hair and fingernails. Do not apply any medicating agent except on the advice of a doctor. Remove clothing and wash before re-use. Apply artificial respiration if necessary.

**Note to doctor:** No specific antidote is known if ingested. Induce emesis or lavage stomach. Treat symptomatically. Based on the acute oral LD50 in rats, ingestion of two (2) tablespoons or more may be fatal to an adult human. Medical conditions likely to be aggravated by exposure: Persons with allergy history or pre-existing dermatitis should take extra care when handling this product.

### 3. RELEVANT SUBSTANCES:

Chemical name	
fluxofenim	
Classification	Concentration (% w/w)
Acute Tox. 4; H302 Acute Tox. 4; H312 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	≥ 70 - < 90
Chemical name	
Amines, tallow alkyl, ethoxylated	
Classification	Concentration (% w/w)
Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	≥ 3 - < 10
Chemical name	
N-methyl-2-pyrrolidone	
Classification	Concentration (% w/w)
Skin Irrit. 2; H315 Eye Irrit. 2; H319 Repr. 1B; H360D STOT SE 3; H335 (Respiratory system)	≥ 1 - < 10

### 4. USE RESTRICTIONS:

Do not use **CONCEP® 960 EC** on poor quality seed.

#### 4.1 General

**CONCEP® 960 EC** is a seed treatment material which protects grain sorghum against the phytotoxic effects of DUAL GOLD (L5749) or METAGAN GOLD (L5748).

Without a **CONCEP® 960 EC** seed treatment, DUAL GOLD or METAGAN GOLD (S-metolachlor) will cause severe injury to grain sorghum. **CONCEP® 960 EC** will not adequately protect sudan grass, sorghum-sudan crosses or crops other than grain sorghum from the effects of DUAL GOLD or METAGAN GOLD.

### 5. DIRECTIONS FOR USE: Use only as indicated.

**CONCEP® 960 EC** is applied at 15 ml/50 kg seed. A seed treatment solution is made by adding water to 15 ml of **CONCEP® 960 EC** to a 250 ml volume.

A concrete mixer or off-centre drum with a capacity of 150 - 200 ℓ is suitable for the treatment of 50 kg seed.

The efficacy of the treatment may be adversely affected if the concrete mixer or off-centre drum used, is filled to more than

half its capacity with seed.

### 6. SEED TREATMENT:

#### 6.1 Concrete Mixer

**CONCEP 960 EC** may be applied to the seed by means of a clean concrete mixer. The inside of the mixer must first be equilibrated by wetting it thoroughly with 250 ml of the seed treatment solution prior to the first bag of seed being treated.

Load 50 kg of seed into the mixer and distribute 250 ml of the seed treatment solution evenly over the seed during rotation. Continue rotation for two (2) minutes until all the seed is uniformly moist. If the treatment is visually not uniform after two (2) minutes, rotation must continue in order to obtain uniformity. Seed should **first** be treated with **CONCEP® 960 EC**, allowed to dry before being treated with a fungicide/insecticide.

#### 6.2 Off-centre Drum

A concrete mixer should preferably be used to treat the seed. If a concrete mixer is, however, not available, an off-centre drum could be used. First equilibrate the inside of the drum by wetting it thoroughly with 250 ml of the seed treatment solution prior to the first bag of seed being treated.

Load 50 kg of seed into the drum and distribute 250 ml of the seed treatment solution evenly over the seed. Rotate the drum at a constant speed for at least three (3) minutes until all the seed is uniformly moist. If the treatment is visually not uniform after three (3) minutes, rotation must continue in order to obtain uniformity. Seed should **first** be treated with **CONCEP® 960 EC**, allowed to dry before being treated with a fungicide/insecticide.

**CONCEP® 960 EC** treated seed may be planted immediately provided it has dried off after treatment. Treated seed may be carried over and planted the season following treatment. Adequate protection against DUAL GOLD or METAGAN GOLD will still be obtained. **CONCEP® 960 EC** treated seed carried over from one season to the next should not be retreated with **CONCEP® 960 EC**.

- Refer to the DUAL GOLD or METAGAN GOLD labels for DIRECTIONS FOR USE on grain sorghum.
- Consult the various fungicide and insecticide seed treatment labels for mixing, rates and carry-over seed.

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