

# Acticell<sup>®</sup> Fruit Retention



Reg. No. B4960 Act No. 36 of 1947

**FERTILIZER GROUP 2**

**READ LABEL BEFORE USE.  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS.**

**ACTICELL<sup>®</sup> FRUIT RETENTION** is a calcium, zinc and boron containing fertilizer for use as a foliar feed to maintain or increase nutrient levels in plants, especially during fruit set.



**DANGER**

Calcium	(Ca)	114 g/kg	(174 g/ℓ)
Zinc	(Zn)	69 g/kg	(106 g/ℓ)
Boron	(B)	23 g/kg	(35 g/ℓ)

SG (@ 20 °C) = 1.53 ± 0.02

**HAZARD STATEMENTS:**

May damage fertility or the unborn child.  
Toxic to aquatic life.  
Toxic to aquatic life with long-lasting effects.

**PRECAUTIONARY STATEMENTS:**

Obtain, read, and follow all safety instructions before use.  
Avoid release to the environment.

**Emergency contact details**

Office Hour Poisoning Helpline  
Rolfes Agri (Pty) Ltd.  
Tel: +27 (12) 803 0145

**Registered, Manufactured and Distributed by:** Rolfes Agri (Pty) Ltd.  
(Reg. No. 1998/013411/07) • 288 Mundt Street, Waltloo, 0184  
Gauteng, RSA. • Tel: (012) 803-0145

**Rolfes**  
Agri

**Spill Response and Transport incidents**

Spill Tech, Oil and chemical pollution control  
Tel: +27 (86) 100 0366 / +27 (83) 253 6618  
[www.spilltech.co.za](http://www.spilltech.co.za)

Shake well before use • Store at room temperature  
Keep out of direct sunlight • Keep container closed when not in use



**PRECAUTIONS:**

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Obtain, read and follow all safety instructions before use.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- If exposed or concerned, get medical advice.
- Collect spillage.
- Store locked up.
- Empty all contents from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.

**RELEVANT HAZARDOUS SUBSTANCES:**

Boric Acid <30% and Zinc Oxide <30%.

**FIRST AID TREATMENTS:**

- **General Advice:** The symptoms resulting from direct exposure to the product could appear a while after exposure. If there is persistent discomfort, seek medical attention.
- **Eye contact:** Flush eyes with flowing cold water for several minutes, until no evidence of chemical remains. If irritation persists, get medical help.
- **Skin contact:** Remove all contaminated clothing and shoes. Gently wipe off residual chemical and wash skin thoroughly with non-abrasive soap.
- **Inhalation:** Remove the affected victim from exposure to an area with fresh air. If breathing has

stopped, administer artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If irritation persists, get medical help.

- **Ingestion:** If exposed or concerned, rinse mouth thoroughly with large amount of water and get treatment advice.
- For optimum results **ACTICELL® FRUIT RETENTION** should be used in a program together with other products in the **ACTICELL®** range.
- Consult with your chemical distributor, consultant or the registration holder should crop specific programs or any other information be required about the use of **ACTICELL® FRUIT RETENTION**.
- Ensure thorough agitation of the product during filling of the spray tank or during spraying. Always use spray tank strainers when pouring product into spray tank. The spray tank must be flushed out with clean water at the end of the day.
- **ACTICELL® FRUIT RETENTION** is a water-soluble fertilizer.
- Use lower rates as maintenance and higher rates to correct deficiencies.
- It is advisable to do a miscibility test prior to mixing with other chemicals.
- Shake the container thoroughly before use.
- Ensure good agitation throughout application.
- Store in the original, well-sealed container away from sunlight. Keep away from children, uninformed people, animals and foodstuffs. Wash hands after use.

**WARNINGS:**

- **DO NOT** apply **ACTICELL® FRUIT RETENTION** to any citrus spp.
- **ACTICELL® FRUIT RETENTION** should preferably be applied in the early morning or late afternoon. **Do not apply to plants that are undergoing a period of moisture or heat stress.**

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

CROP	RATE PER HECTARE	RATE PER 100 ℓ WATER	REMARKS
<b>Cucurbits</b> (Pumpkins, Melons, Cucumber etc.)	2 ℓ / ha	—	<b>First application:</b> Apply at the first flower. Repeat every 14 days. Apply in 200 - 500 ℓ /ha water.
<b>Deciduous Fruit</b> (Apples, Pears, Apricots, Peaches, Cherries, Fig, Nectarine, Plums, Pomegranates)	4.5 ℓ / ha	300 mℓ	Apply twice from flower bud swell to full flower, and repeat three times during fruit set.
<b>Olives</b>	4 ℓ / ha	300 – 400 mℓ	<b>First application:</b> Apply prior to flowering. <b>Second application:</b> Apply during fruit set. <b>Third application:</b> Apply at the fruit growth stage. Apply in a minimum of 1 000 ℓ /ha water.
<b>Grapes</b>	4 ℓ / ha	400 mℓ	<b>First application:</b> Apply at 25 mm shoot length. <b>Second application:</b> Apply before flowering. <b>Third application:</b> Apply when berries are at the pea-size stage. Apply in 500 - 1 000 ℓ /ha water.
<b>Macadamias and Nut Crops</b>	7 ℓ / ha	200 – 350 mℓ	Apply twice from flower bud swell to full flower, and repeat during fruit set. Apply in a minimum of 2 000 ℓ / ha water.

CROP	RATE PER HECTARE	RATE PER 100 £ WATER	REMARKS
Potatoes	3 £ / ha	–	<p><b>First application:</b> Apply at the onset of tuber initiation.</p> <p><b>Second application:</b> Apply two weeks after first application.</p> <p><b>Third application:</b> Apply two weeks after second application.</p> <p>Apply in 200 - 500 £/ha water.</p>
Onions	3 £ / ha	–	<p><b>First application:</b> Apply at the onset of bulb formation.</p> <p><b>Second application:</b> Apply two weeks after the first application.</p> <p><b>Third application:</b> Apply two weeks after the second application.</p> <p>Apply in 200 - 500 £/ha water.</p>
Subtropical Fruit (Avocados, Litchi, Mangoes, Coffee, Papaya)	10 £ / ha	300 – 500 m£	<p>Apply once at the onset of flowering and repeat three times from 100 % petal fall to fruit set.</p> <p>Apply in a minimum of 2 000 £/ha water.</p>
Tomatoes, Peppers	3 £ / ha	–	<p><b>First application:</b> Apply at the first flower.</p> <p>Repeat every 14 days.</p> <p>Apply in 200 - 500 £/ha water.</p>