



# Tornado<sup>®</sup> 540

Not all Glyphosates are created equal

## HERBICIDE

Glyphosate, present as potassium salt, 540 g/l (acid equivalent)

- Superior performance against almost all types of annual and perennial weeds
- Ensures the maximum amount of glyphosate gets to the roots
- Increased rainfastness
- High-load formulation

# Not all Glyphosates are created equal.

## Tornado 540<sup>®</sup> – brings the power you need for outstanding down-to-the-roots weed control

Tornado 540<sup>®</sup> is a unique formulation of glyphosate that offers systemic, non-selective control of more than 170 emerged annual and perennial grass and broadleaf weeds.

With its potassium salt and the formulation technology built around, this delivers easy pumping in all weather conditions and outstanding down-to-the-roots weed control compared to other formulations.

Tornado 540<sup>®</sup> contains 50% more active ingredient than the standard 480 formulation (360 g/l in acid equivalence). In addition to the logistical, transport and storage benefits, it also will reduce the volume of waste to recycle packaging, respecting all environmental and sustainability aspects.

Tornado 540<sup>®</sup> is formulated as a potassium salt which is one of the most soluble form among competitors, that gives a rapid transport throughout the plant and down to the roots, where weed-killing power is needed most.

The patented technology of surfactant of Tornado 540<sup>®</sup> gives an improved formulation, free of toxic impurities which is optimized for dissolution in both water and waxy materials, allowing faster penetration of the weed cuticle. This gives a more efficient and rapid uptake.

### Mechanism of action

Tornado 540<sup>®</sup> penetrates plants through leaves and other green parts and is transported to all weed organs, including the root system. It blocks the synthesis of aromatic amino acids, affects growing points of weeds that leads to the complete destruction of aboveground and underground parts of weeds.

### WHEN TO APPLY

Plants should have a well-developed leaf surface and actively growing. During heat time (low turgor pressure) it's better to avoid treatment for the period when weeds leaves are drooped.

**During the demo trials (Zimbabwe, 2020) Tornado 540<sup>®</sup> proved to be a versatile burndown solution that targets even the most difficult-to-control weeds.**



Before application



Weed-free soil after application of Tornado 540<sup>®</sup>, 3 l/ha

CROPS	RATE - Lt/Ha	RATE-ml/ 16L water	WEEDS CONTROLLED	TIMING	REMARKS
Non-agricultural land, industrial objects, fallow or Prior to planting a crop or pasture	1.4-2.8	112-224	Annual grasses and broadleaf weeds	Apply to plants which have 1 to 3 leaves and are actively growing	See respective label for details and limitations
	2.8-4	224-320	Perennial grasses and broadleaf weeds	Weeds should be less than 15 cm tall and actively growing	

**Application volume:** 200 litres of spray volume/ha

### Tiger Agrochem (Pvt) Ltd.

2 Sandringham Drive, Alexandra Park, Harare, Zimbabwe.

Tel.: +263242250730/1/2; Cell: 0773 998 545 / 0774 833 091

Website: [www.tigeragrochem.co.zw](http://www.tigeragrochem.co.zw); E-mail: [sales@tigeragrochem.co.zw](mailto:sales@tigeragrochem.co.zw)

