

Tank mixture of
Tornado 540[®] + Simba[®]
for early-season
nutsedge control



The tank-mix of **Tornado 540[®] + Simba[®]** is a top choice for superior early-season nutsedge control

Yellow nutsedge is considered one of the world's the most challenging weeds. The weed competes strongly for water, nutrients, and light and management practices including frequent irrigation and high nitrogen fertilization stimulate yellow nutsedge growth.

Yellow nutsedge has an extensive underground system of rhizomes and tubers (or nutlets) that store large reserves of energy. These tubers can survive in the soil for three to five years and germinate from 15 cm deep. One plant can produce several hundred to several thousand tubers during a single growing season.

Hand weeding is not practical as it will require digging relatively deeply into the soil and then ensuring that all viable tubers are removed. Hand weeding also has a high potential to exacerbate the nutgrass problem by breaking the tuber chains and encouraging otherwise dormant tubers to sprout.



The key to effective control of Yellow nutsedge is to start early. Since the tubers are the plants' primary survival structure, it is critical to control nutsedge early before it produces tubers. Once the tubers are formed it becomes extremely difficult to control, even with herbicides.

One of the most effective herbicides for nutsedges control is glyphosate. However, not all glyphosates performs equal.

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

Tuber populations can be reduced significantly with the applications of **Tornado 540**.

It is important to note, however, that **Tornado 540** largely becomes inactive on contact with the soil, and has no effect on tubers that are not connected to emerged shoots.

That's why a tank-mix with a residual soil herbicide is required, which helps to strengthen and prolong the weed control.

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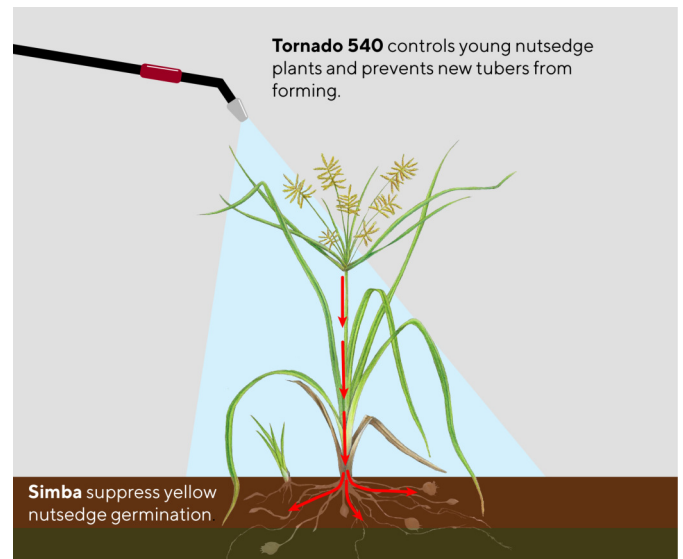
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Simba has good pre-emergence activity on yellow nutsedge. It reduces considerably the number of tubers, and allows the crop to compete adequately with the weed.

A competitive crop will usually outgrow and shade nutsedge, minimizing its growth and reproduction ability.



Providing a clean start to the season with up to four weeks of residual activity, **Tornado540 + Simba** are proven performers against yield-robbing nutsedge as well as many other grasses and small-seeded broadleaf weeds on your fields.

