sakura®

iGuide

Control grass weeds before they control your yields.

We're with you in the field

cropscience.bayer.co.nz/Sakura

CONTENTS

PRODUCT INFORMATION

Sakura is a broad-spectrum grass weed herbicide for use in wheat (not durum wheat) and triticale. Apply pre-emergence of the crop and weeds, to control or suppress several damaging grass weeds. More information

PRODUCT RESOURCES >

KEY POINTS SUMMARY

Sakura controls or provides suppression of a wide range of damaging grass weeds:

- Grass weeds controlled: perennial ryegrass, annual ryegrass, vulpia hair grass, annual poa, barley grass and soft brome
- Grass weeds suppressed: wild oats, ripgut brome, prairie grass

Ryegrass

Vulpia Hair Grass

Soft Brome

Annual Poa

Barley Grass

Ripgut Brome

Wild Oats

Prairie Grass

Sakura contains pyroxasulfone. As a group 15 (K3) herbicide, Sakura offers a different mode of action for the control of ryegrass and suppression of wild oats.

Sakura should be applied pre-emergence of both the crop and grass weeds. By controlling grass weeds before they establish and compete with your crops for water and nutrients, Sakura helps your crops achieve their full potential.

To get the best control from Sakura follow this guidance:

- Ensure you create a fine, moist tilth, free of clods and trash
- Keep weed seeds near to the soil surface
- If possible, apply Sakura when rainfall is imminent
- Use the appropriate dose rate
- Use Sakura as part of a programme incorporating Othello OD

KEY POINTS FOR USE

CROP	Wheat (not durum wheat) and triticale.
ACTIVE INGREDIENT	Pyroxasulfone as an 85% water dispersible granule.
GRASS WEEDS CONTROLLED	Ryegrass perennial and annual, annual poa, vulpia hair grass, soft brome, barley grass.
GRASS WEEDS SUPPRESSED	Wild oats, ripgut brome and prairie grass.
RATE	125 or 150 g/ha. Use the higher rate if the anticipated weed pressure is high.
APPLICATION TIMING	Apply before the crop and grass weeds have emerged.
APPLICATION METHOD	By tractor mounted hydraulic boom sprayer or by aerial application.

KEY POINTS FOR USE

WITHHOLDING PERIOD	42 days.
BUFFER ZONE	At least 15 meters in all directions from water bodies.
COMPATIBILITY	Check with your agronomist or your local Bayer Regional Business Manager.
RE-CROPPING INTERVAL	See product label.
PACK SIZE	1 kg.
APPROVED HANDLER	Approved handler status is not required.

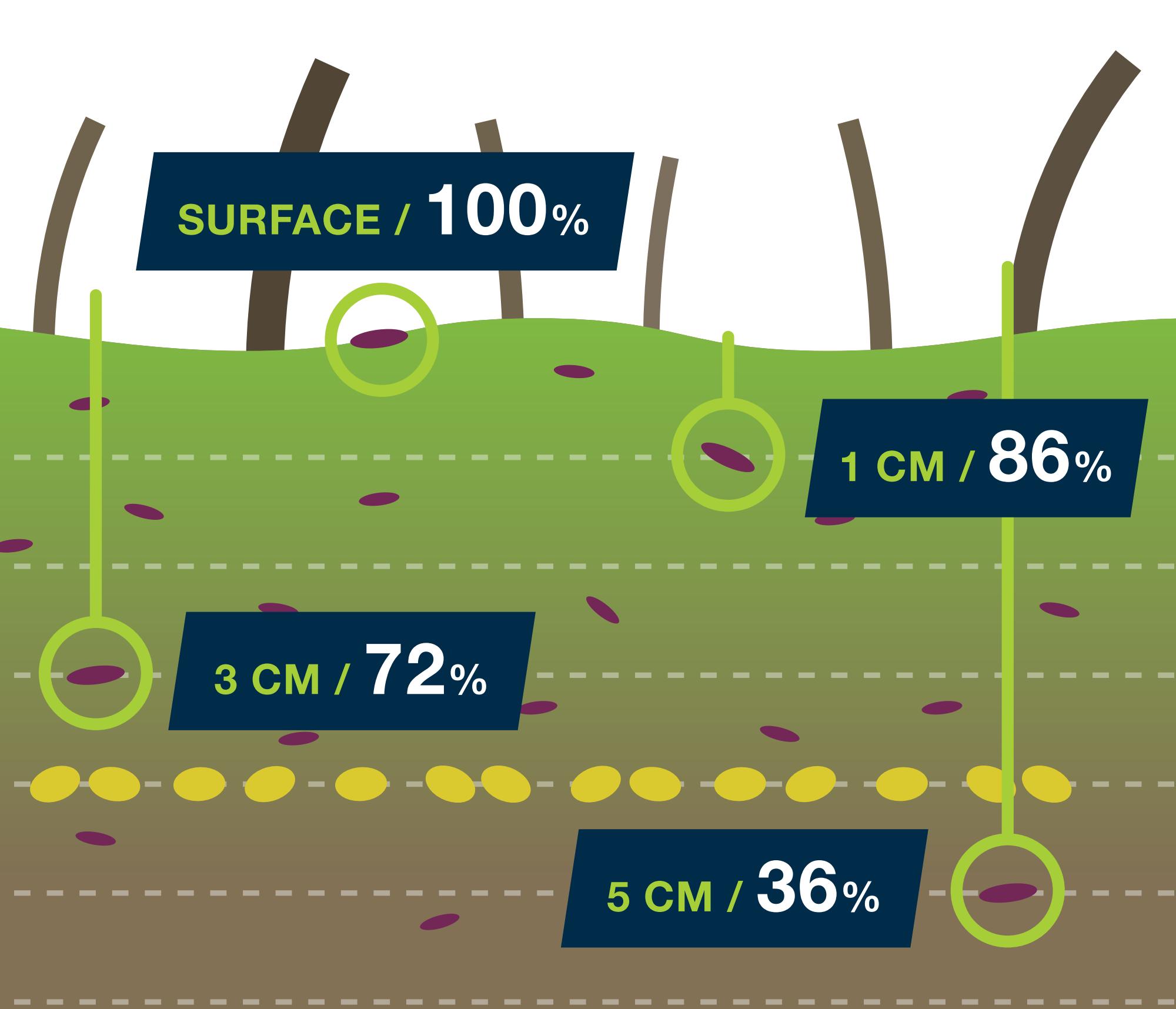
Key points for success.

1. **Keep weed seeds near the soil surface**
2. **Apply when adequate rainfall is anticipated**
3. **Take care with seedbed preparation**
4. **Apply the correct dose rate**
5. **Apply Sakura as part of a grass weed herbicide programme**

1 KEEP WEED SEEDS NEAR THE SOIL SURFACE

Sakura’s principle site of action is the roots of germinating weed seeds. Therefore, it is very important that weed seeds are kept near the soil surface by adopting minimal cultivation techniques or direct drilling. If weeds germinate from below the Sakura layer they can grow through Sakura and will not be controlled (see diagram on the next page).

Rainfall ensures that Sakura, which is initially applied to the soil surface, is distributed through the upper cms of soil (illustrated in green). The % control figures provided are for ripgut brome (Bromus diandrus) and are taken from a Bayer Australia trial. Once weed seed germinates from greater than 1 cm depth % control declines and below 3 cms depth the decline is dramatic.



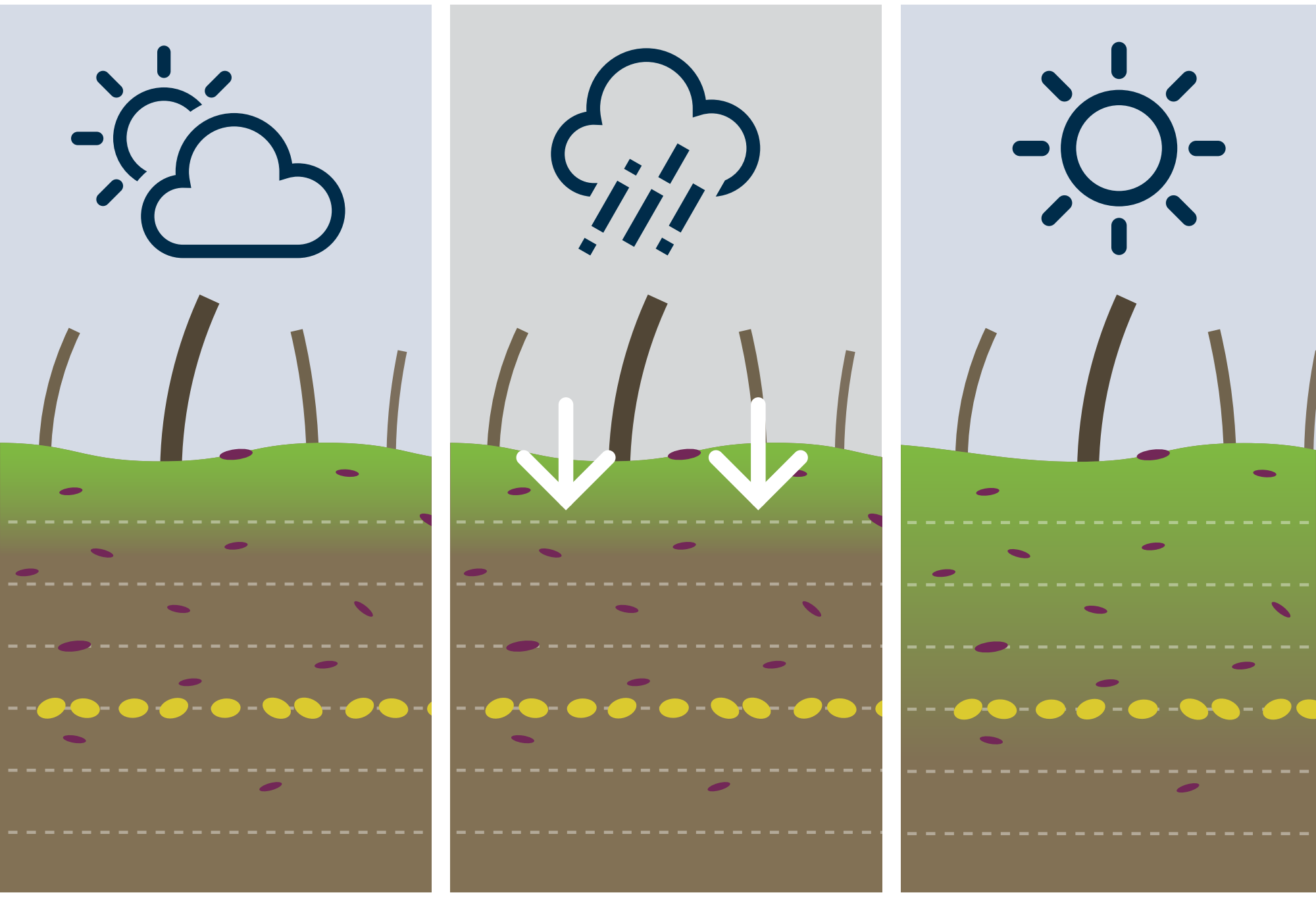
2 APPLY WHEN ADEQUATE RAINFALL IS ANTICIPATED

In order for Sakura to control weeds by inhibiting root growth, it needs to be moved from the soil surface into the top layer of the soil. This is best achieved by receiving enough rainfall after application, but it also occurs if the soil is moist to depth.

WHAT IS ENOUGH RAINFALL?

While it is not possible to give a precise figure, experience from autumn 2019 suggests that ideally this will be 15-25 mm received over a 1-2 day period. It is important that the rainfall isn't too intense as this can take Sakura below the weed zone, especially on light soils. If smaller amounts of rain occur it can be enough to stimulate weed seed germination, but not enough to redistribute Sakura. If this occurs seek advice from your agrochemical advisor or your local Bayer Regional Business Manager.

CONTACT US >



Sakura acts on the roots of weed seeds and needs to be transported to the weed seed zone by rainfall.

3 TAKE CARE WITH SEEDBED PREPARATION

Starting your grass weed control programme with a pre-emergence herbicide brings significant benefits.

- Grass weeds tend to germinate at a similar time to your crop and grow rapidly.
- They can be present in very large numbers.
- The result is severe competition to your crops for water, light energy and nutrients.
- Reducing crop competition from the start leads to healthier crops and higher yields.

But for pre-emergence herbicides to work effectively, care must be taken with seedbed preparation.

- Ensure the seedbed is fine, firm and has adequate moisture. These factors allow the herbicide to move in the soil moisture.
- Minimise clods as they can physically shield from the herbicide and can break down during winter, releasing further weed seeds.
- Minimise trash. Above 25% soil cover trash can have a very detrimental impact of herbicide activity.

4 APPLY THE CORRECT DOSE RATE

SAKURA HAS TWO REGISTERED APPLICATION RATES WHICH ARE 125 g/ha AND 150 g/ha.

Applying 125 g/ha will result in excellent grass weed control under most conditions:

- When the grass weed population in the paddock is not considered excessive.
- When the seedbed preparation has gone smoothly.
- When adequate soil moisture is present.
- And the target grass weeds are listed as controlled by Sakura - perennial ryegrass, annual ryegrass, vulpia hair grass, annual poa, soft brome and barley grass.

The time to apply 150 g/ha is when conditions are more challenging:

- When the weed population in the paddock is high.
- When seedbed preparation has been difficult and clods and/or trash are present.
- When soil moisture may be lacking.
- When the main target grass weeds are ripgut brome, wild oats or prairie grass.

5 APPLY SAKURA AS PART OF A GRASS WEED HERBICIDE PROGRAMME

HERBICIDE PROGRAMMES - WHY ARE THESE REQUIRED?

Many grass weeds germinate over a long period of time due to their genetic makeup, germination depth and rainfall.

Ryegrass species, brome species and wild oats can be very difficult to control with just one pass. A programme approach will be required for these grasses as germination may occur over a number of months.

Another factor driving the need to apply a herbicide programme can be the sheer number of seeds needing to be controlled, especially following a grass seed crop. In this situation even 99% control leaves a lot of weeds behind, too many to leave uncontrolled without impacting crop yields.

Othello® OD is the ideal post-emergence herbicide to apply in a programme with Sakura, as it not only controls a range of grass weeds but also broad leaf weeds as well. (See the label for the complete weed range).

OTHELLO OD LABEL >

sakura®

Othello® OD

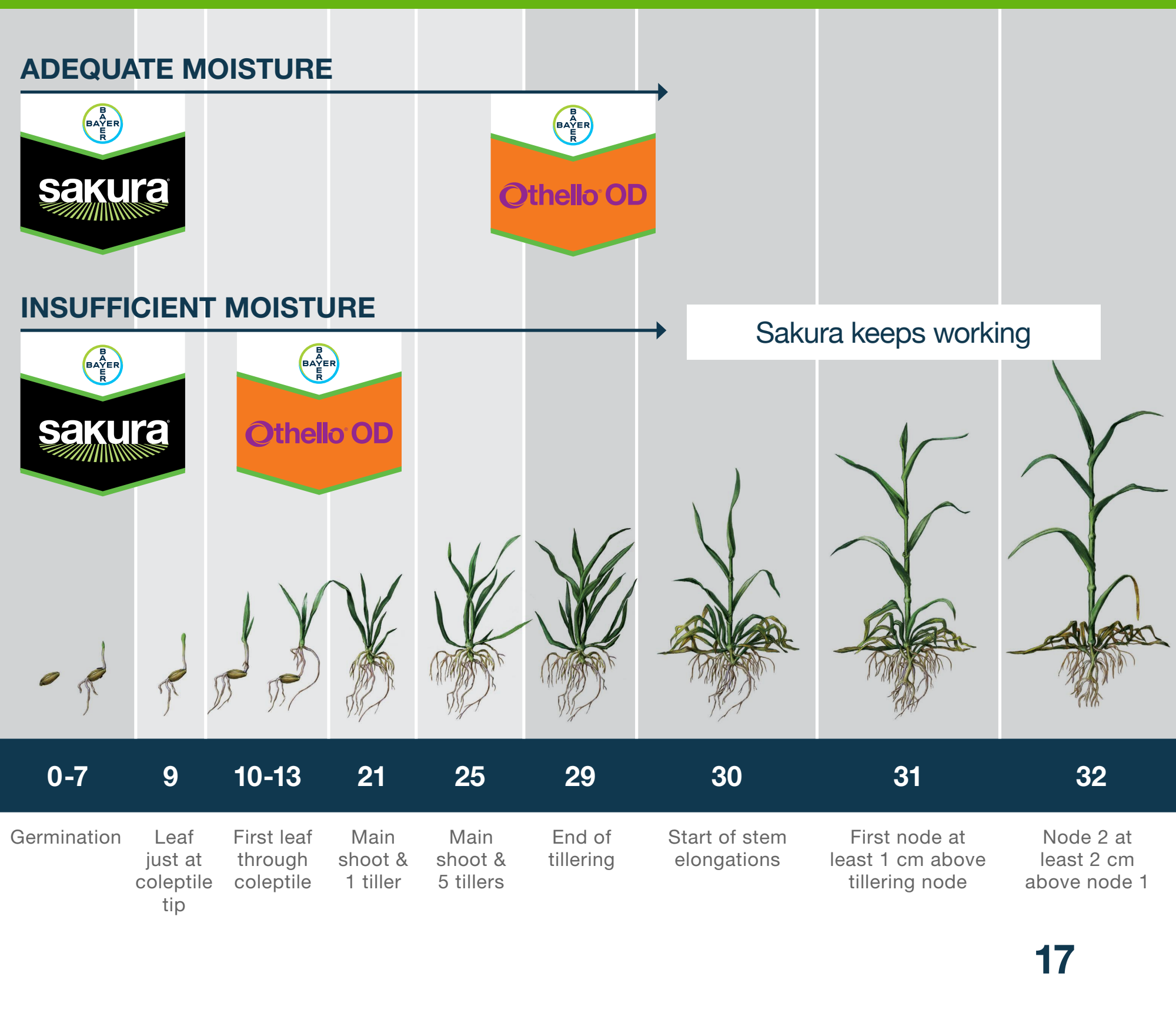
Othello OD is the ideal post-emergence herbicide to apply in a programme with Sakura.

WHEN TO APPLY OTHELLO OD

In a “normal” year, with a moist seedbed and rainfall experienced post-sowing, and a normal weed population, Sakura will control grass weeds into winter. In this situation you are likely to apply Othello OD in late winter.

But in a season when autumn rainfall is limited, grass weed seeds can germinate before Sakura has been redistributed in the soil. In this situation Othello OD will need to be applied in late autumn/ early winter. But in these circumstances Sakura will keep working controlling grass weeds into winter.

GRASS WEED CONTROL PROGRAMMES



SAKURA IN ACTION

Location: Orari 2021

Plot did not receive a herbicide.

Plot treated with a pre-drilling herbicide, Sakura 125 g/ha pre-emergence and Othello OD 1.0 L/ha late winter.

BAYER HERBICIDE PORTFOLIO

sakura®

Your first step
for grass weed control in wheat (not durum wheat) and triticale.

FIREBIRD®

Your first defence
for early season weed control in wheat and barley.

Othello® OD

The ideal post-emergent follow-up for grass weed control in wheat.

hussAR®

The ideal post-emergent follow-up for ryegrass control in cereals.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Sakura is a Pyroxasulfone product

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