

# L-CBF BOOST™

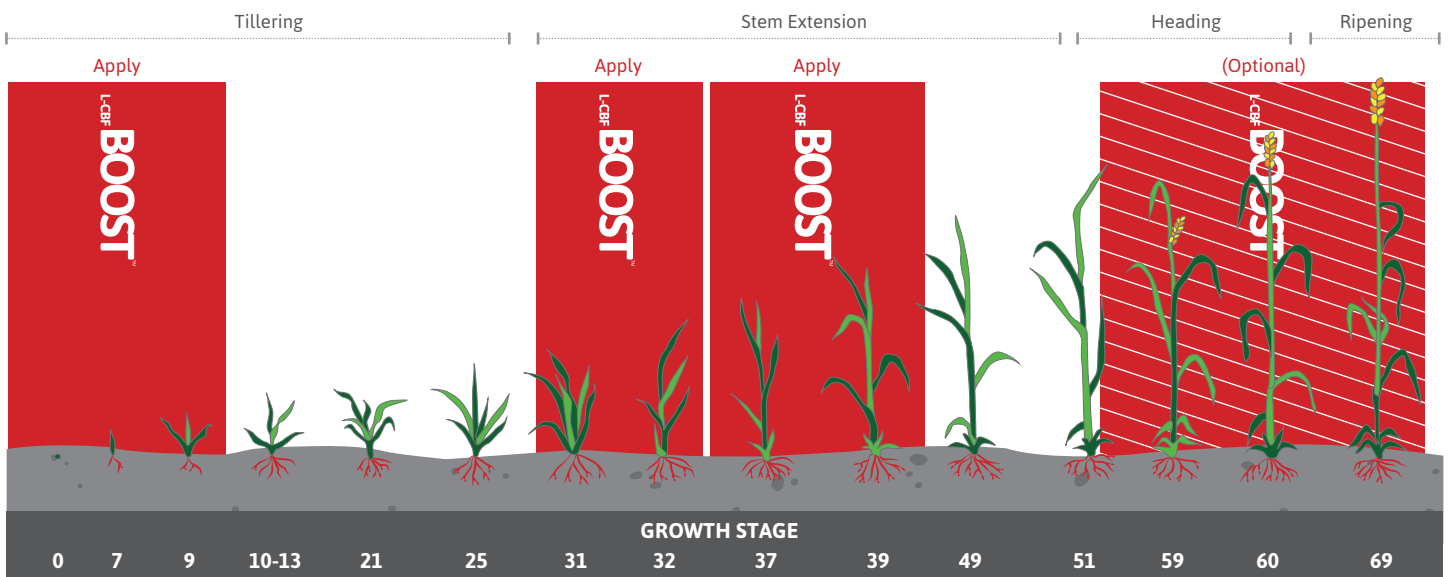
## CEREALS AND OSR TECHNICAL INFORMATION

All combinable crops would benefit from an application of L-CBF BOOST™ because they have a common factor – soil. L-CBF BOOST™ works by enhancing your existing soil biology, improving the efficiency of your applied fertiliser, increasing nutrient cycling, releasing soil phosphate, and building a bigger root system and a healthier plant. L-CBF BOOST™ also acts as a carbon buffer when applied with inputs, allowing C:N ratios to be balanced with utilising your soil’s organic matter reserves.

### USING L-CBF BOOST™ ON CEREALS

The best results come from using L-CBF BOOST™ in combination with a biological system, as you are working with the soil biology. It is important that the soil is well structured as air (along with water and food) is crucial for the biology to thrive. Apply at or close to planting then 2 or 3 times in the growing season for optimal growth. The L-CBF BOOST™ will help to grow a bigger root system, improving nutrient uptake and growing a more robust plant. A late application of L-CBF BOOST™ is beneficial for protein building in milling wheat.

## CEREAL GROWTH STAGES



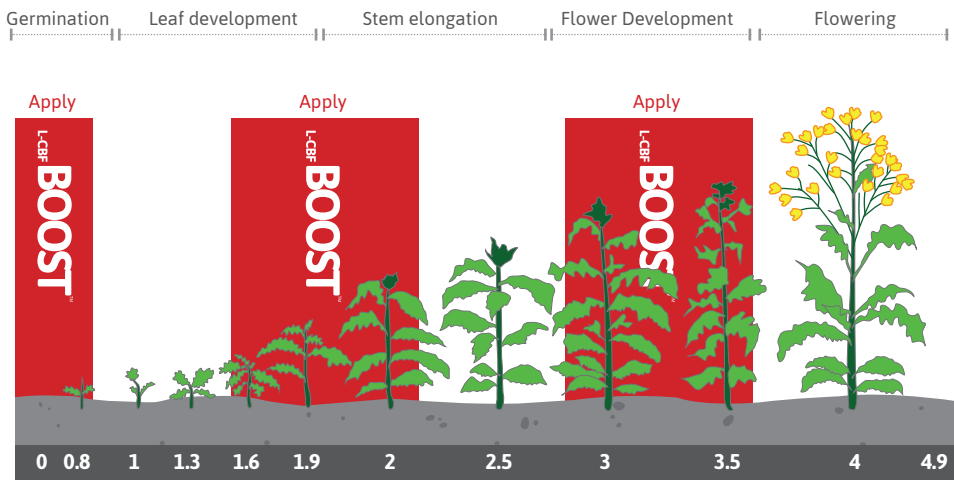
**Give your cereals a BOOST!**



**USING L-CBF BOOST<sup>TM</sup> ON OSR**

OSR is one of the most expensive and awkward crops to grow, but it does produce some of the best margins. L-CBF BOOST<sup>TM</sup> is ideal to get the crop off to a good start, improving early growth and stimulating the soil biology to improve rooting, so that it can access all the nutrients required throughout the growing season. It is critical to get the plant off to a quick start to grow away from pests and start developing the tap root. L-CBF BOOST<sup>TM</sup> will improve the efficiency of your applied inputs and work with your inherent ones to achieve this. Apply at or close to planting and 2 or 3 times in the season for best results.

**OSR GROWTH STAGES**



**GLYPHOSATE**

L-CBF BOOST<sup>TM</sup> can be applied with glyphosate applications. Many soil scientists recommend using a carbon buffer with chemical inputs. One L-CBF user has had run-off tests carried out by a water company showing more than half the rate of glyphosate in the water in the field that has had L-CBF BOOST<sup>TM</sup> applied. It makes sense as we are applying L-CBF BOOST<sup>TM</sup> to enhance soil biology and it is this same biology whose job it is to break down the chemicals in the soil.

L-CBF BOOST<sup>TM</sup> also acts as a wetter and has a low pH, both of which help with the efficacy of glyphosate. Apply at 5-10 lts/ha with plenty of water.

**APPLICATION RATES**

Crop	Rate
<b>Winter Cereals / OSR</b>	30 l/ha

- At planting or pre-emergence or with herbicides 5-10 l/ha
- Spring N applications 5-10 l/ha
- With fungicides\* - typically 3 applications 3-5 l/ha

Crop	Rate
<b>Spring Cereals / OSR</b>	20 l/ha

- At planting or pre-emergence or with herbicides 5-10 l/ha
- Spring N applications 5-10 l/ha
- With fungicides\* - typically 2 applications 3-5 l/ha

\* Please consult with your agronomist, do a jar test or call QLF Agronomy for more information.

**SCORCH**

QLF Agronomy and its sister company in the States have carried out considerable trials and research into reducing scorch by applying L-CBF BOOST<sup>TM</sup> with fertiliser applications. Essentially by applying L-CBF BOOST<sup>TM</sup> you are 'wrapping it in carbon'. This carbon acts as a buffer, not only for fertiliser but for all applications, thereby reducing the harmful effect on the plant, keeping the green leaf area as high as possible for as long as possible. The L-CBF BOOST<sup>TM</sup> will also help to improve the efficiency of the application by reducing leaching and volatilisation. It is still recommended that you spray in the best possible conditions ie. still and cool, but an application of L-CBF BOOST<sup>TM</sup> could increase the window of opportunity.

**CONTACT US**

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