

February 23

Good for people, Good for planet.®

Döhler Natural Colours



WE BRING
IDEAS TO LIFE. | NATURAL INGREDIENTS
INGREDIENT SYSTEMS
INTEGRATED SOLUTIONS

Colours at a glance

Colouring Concentrates

>1000 Shades achievable

Black carrot – vibrant to deep red from 4 to 90 Colour Units

Safflower – bright yellow

Colour Malt – From 9.000 to 35.000 EBC to replace Caramel Class 4

Beetroot – highest colour intensity and stability on the market

Orange Carrots – E number free source of Carotenoid based colour alternatives

12.000 cochineal insects and **1kg of black carrot** yields the same amount of dye! Be kind to wildlife, and check out all our **vegetable-based colours**

Natural Colours

<1% to 30% dye content available

Anthocyanins E163 – Enriched fruit and vegetable colours

Betanin E162 – enhanced colour intensity and stability

Curcumin E100 – the magic of yellow shades from warm orange- to bright yellow

Beta Carotene E160a – Emulsions – Dispersions - Powders

Vegetable Carbon E153 – ready to use deep black

The Specialist for WHITE

White Diamond - The only real alternative to TiO2 – stable under all applications and highly affordable

Cloudifier : the brightest most stable White colour range for your Beverage application. **No matter if CSD or Spirit**



Did you know that nature produces over 300mt of carotenoids per second worldwide? We can stabilize them!

Döhler Emulsion Technology and equipment controls and shape the particle size of oil-soluble colours. Portfolio of highly stable water-soluble or water-dispersible solution

Clouding the issue: the most commonly-used **cloudifier** is **milk**. But who needs to **follow the crowd? Our cloudifiers are vegan..**

Sustainability

- Modern production facilities next to you reducing strongly the carbon Dioxide Footprint.
- Social responsibility as a key factor – our components are coming from social reliable regions.

Help saving the planet with carrots!

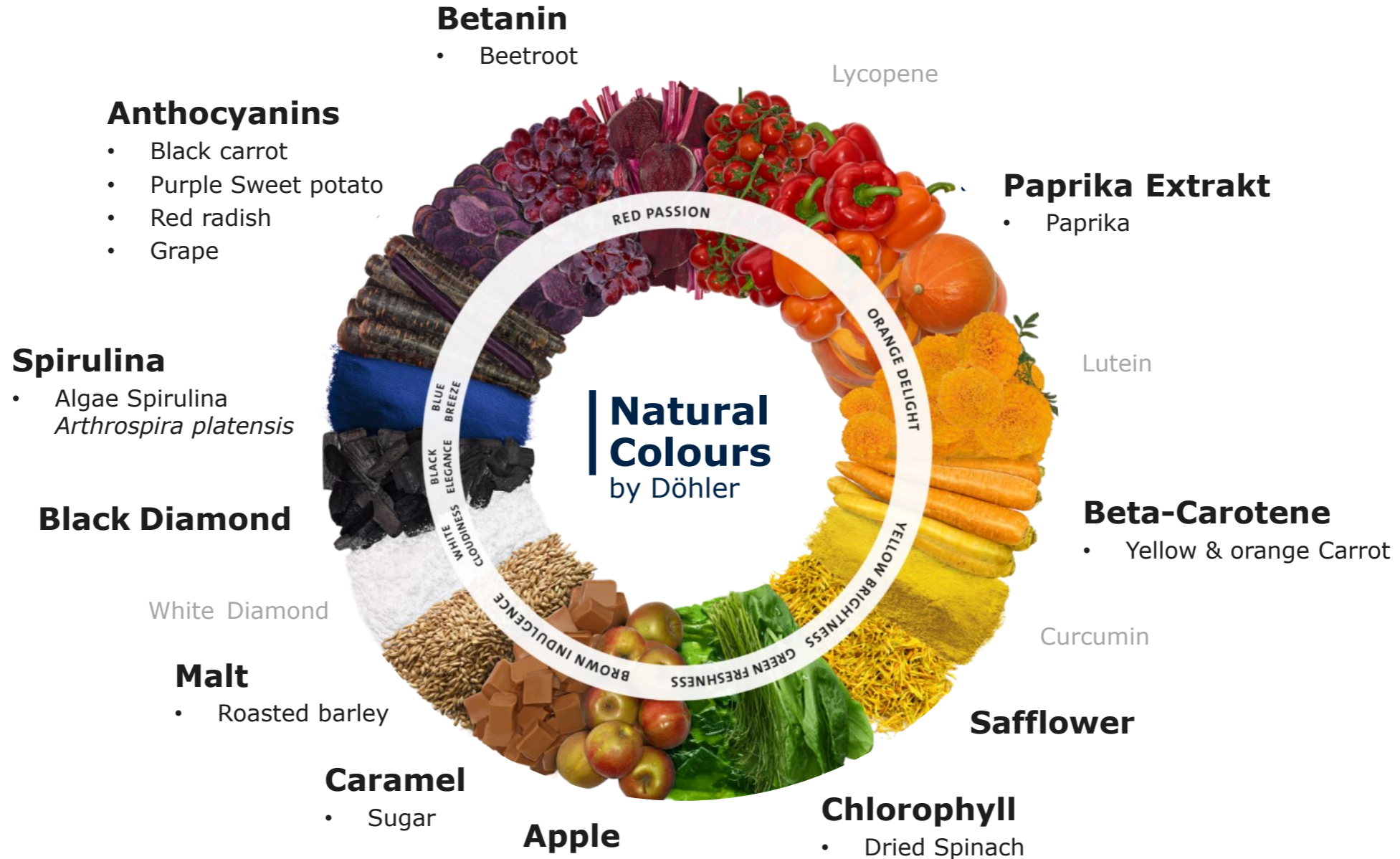
About **60 MT of carbon dioxide** per hectare of our black carrot are bound and removed from the atmosphere, while **carmine and artificial dyes release carbon dioxide** into the atmosphere..

Put your products in the spotlight, with the extraordinary colours of nature



| Döhler Colour Portfolio

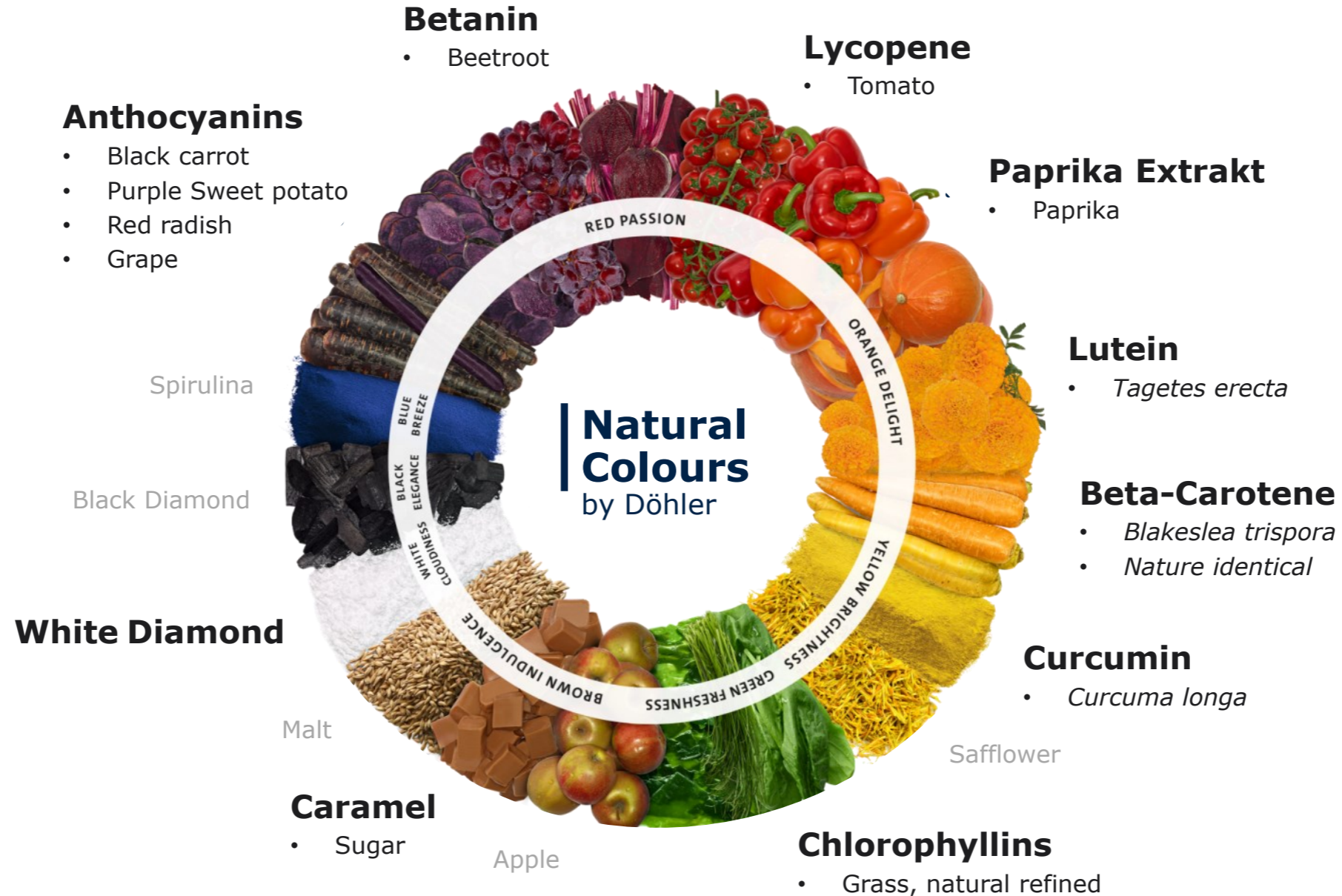
Our Colouring Concentrates*



*in EU declared as Colouring Foods meeting the definitions of the Guidance Notes on Colouring Food

| Döhler Colour Portfolio

Our Natural Colours*



*in EU declared with E-number or by colour name



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