

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**

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..



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

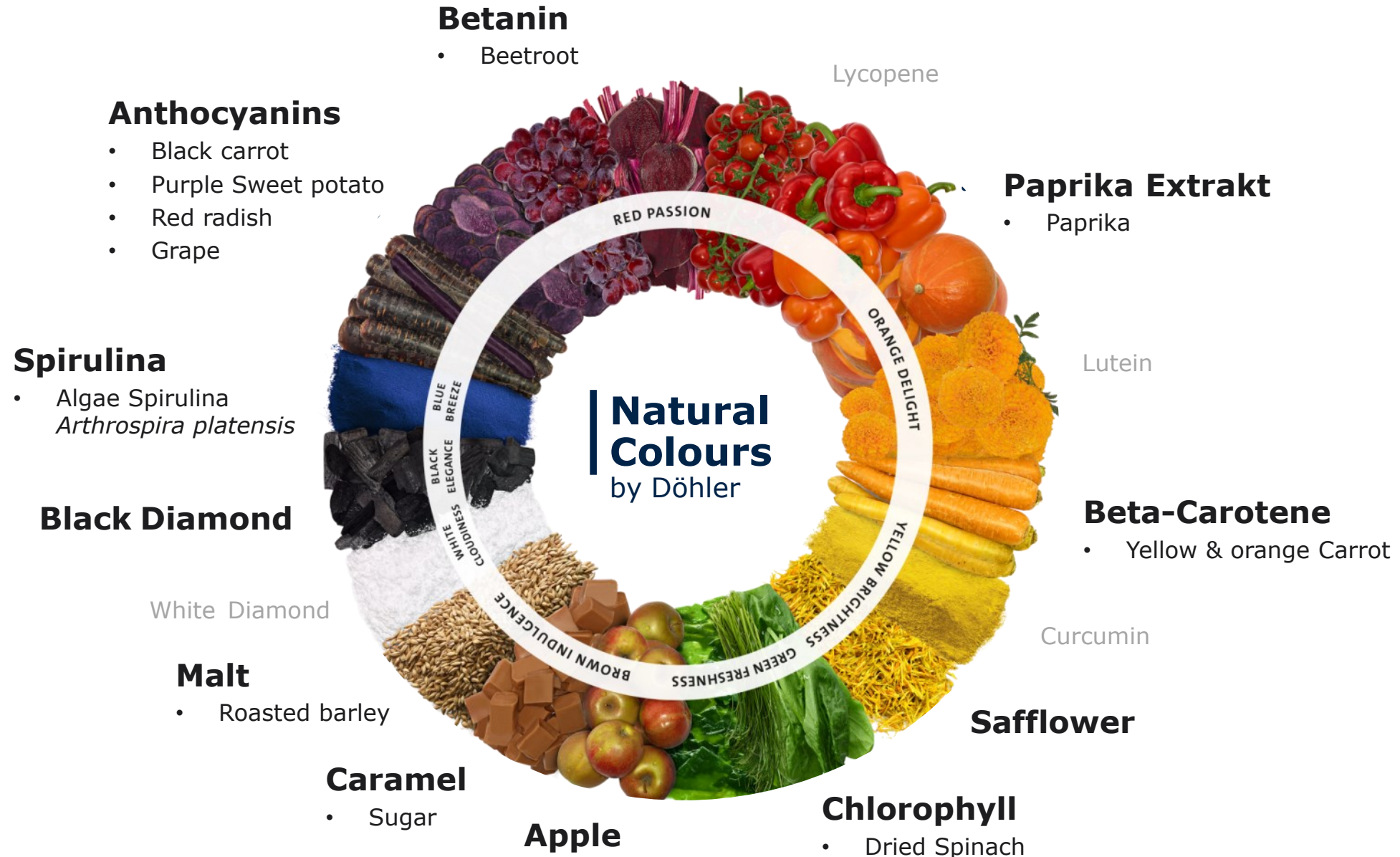
Döhler Emulsion Technology and equipment controls and shape the particle size of oil-soluble colours. Portfolio of highly stable water-soluble or water-dispersible solution

Put your
products
in the
spotlight,
**with the
extra-
ordinary
colours
of nature**



| Döhler Colour Portfolio

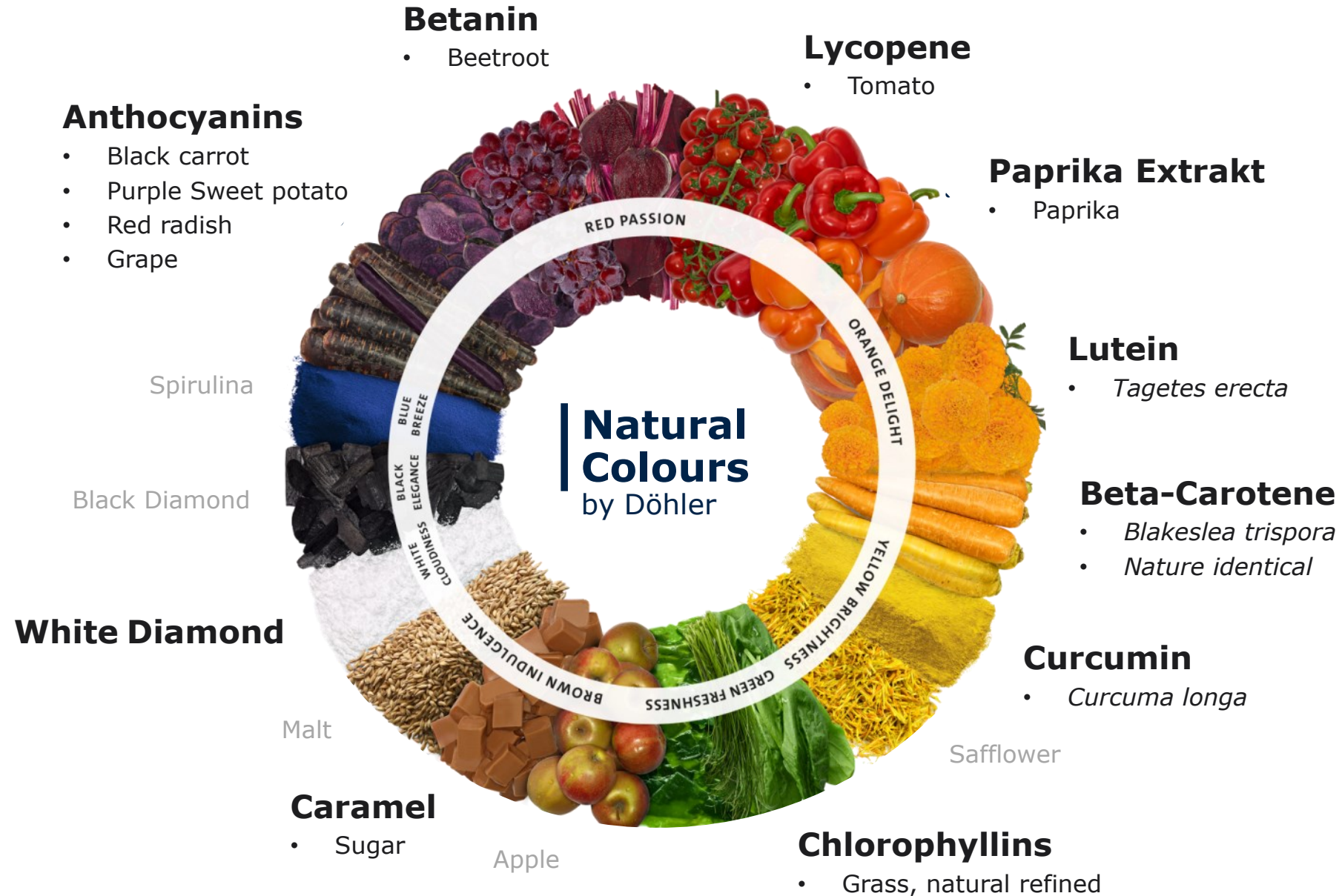
Our Colouring Concentrates*



*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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