



## LABELLING IN CHEMICAL | AGROCHEMICAL INDUSTRY - LABELLING | SERIALISATION | TRACK AND TRACE -



In agriculture, tested and legally approved pesticides are deliberately used as an essential component. Without the use of fertilizers or fungicides and herbicides, crop losses due to pests could rise to over 80%.

Counterfeit and illegal pesticides are serious risks to the health of farmers, end users, the environment and the economy. The trade in counterfeits is increasing worldwide - to stop this, the European Crop Protection (ECPA) has issued CRISTAL guidelines which chemical and agrochemical manufacturers can follow on a voluntary base. Serialized data matrix codes according to international standards (e.g. GHS, GS1) on packaging and units are intended to track the product reliably, batch and sales unit at all logistics levels. Consistent way and traceability through a so-called Supply Chain Track and Trace (SCTT) increases transparency in the supply chain and thus protects consumers and the environment from counterfeit products and illegal pesticides.

### LABELLING REQUIREMENTS

Many chemical products such as paint, varnishes, fuels, adhesives, pickling materials, solvents and cleaning products present risks to the environment or human health. To protect the consumer and user, special labelling regulations are prescribed for these products. With the LP4 label software from b+b you are completely flexible and can realize them optimally.

[Labelsplatform 4 - Label software](#)

### LABELLING CHEMICALS

Whether form bottles for detergents, paint cans or buckets, oil canisters, containers, barrels and hobboks: the packaging formats for chemical and agrochemical products are very diverse and sometimes irregular in format. b+b offers fully and semi-automatic labeling machines for every application.

[Fully and semi-automatic labelling systems](#)  
[New: Label print- and -apply system](#)

### TRACK AND TRACE | SERIALIZATION

Counterfeit and illegal pesticides present real risks to the health of farmers, end users, the environment and the economy. The trade in counterfeit products is increasing worldwide. Complete product tracing protects the environment and the consumer.

[Track and Trace - Machines and systems](#)  
[Track and Trace - Software](#)

### AGGREGATION IN AGRICULTURAL CHEMISTRY

An aggregation of chemicals is not mandatory. To ensure complete traceability, aggregation of packaging bundles, cartons and pallets is nevertheless useful. With b+b as partner you get a turnkey solution.

[Aggregation - Machines and systems](#)  
[Aggregation - Software](#)