



BUSINESS PROCESS MANAGEMENT SOFTWARE

for Biotechnology and Plant Producer

IVS – Software solutions for in vitro laboratories



You are looking for a management software which will be efficient, accurate and easy to handle? You don't want a clear inventory overview only to serve your customers perfectly, you

also wish to have a tool for quality assurance and retraceability? With IVS we offer the solution for your company! Increase your effectiveness and productivity!

IVS FOR IN VITRO LABORATORIES

IVS software is specially designed to optimize the management in an in vitro laboratory. It has been developed to ensure mix-up free production and easy handling of all relevant data. IVS enables a reliable production planning and an efficient workflow. All transfer steps are controlled and registered by scanning barcode labels.

As a lab manager you know the importance of delivering your plants at the right time. You want to make sure that your clients are getting the ordered amount how and when they wanted. With IVS you can plan your production ahead, including deduction of contaminations and needed medium.

- ➔ You want to know the cost price of a single plant in each stage.
- ➔ You want to know how many plants of a variety and clone you have in total on stock and in which culture room and shelf they are.
- ➔ You want to know if you have enough medium for the different varieties and stages.

With IVS, you get a software application, which optimally supports the work of a tissue culture laboratory. It is a process-steered software which can be completely adapted to your work flow! IVS plans your **orders** and **production** including your needed **medium**. From production planning to personnel planning from initiation over propa-

gation, rooting and delivery – all this information can be shown in IVS. Statistic evaluations and overviews, such as productivity per employee/day/week are present at a touch of a button. With the cross-links of IVS, it is a problem-free option for enterprises working globally to access the volume of data of the individual locations.

The co-ordination and planning of world-wide production are thus simplified.

MAIN FUNCTIONS IN SHORT WORDS

- Efficient management of plant production
- Barcode labels for each jar or batch
- Up to date plant overview
- Production planning
- Personnel planning
- Warehouse management for supplies
- Order management
- Deliveries and invoicing
- Cost price evaluation
- Culture management including stock lists and work instructions for technician
- Traceability of plant batch
- Registration of transfer time and needed time for medium preparation
- Production reports
- Modular design for easy extension of tools and functions

PRODUCTION MANAGEMENT

IVS gives laboratory manager control over all production processes. Registration of initiation, multiplication, rooting, delivery – those processes are planned and registered at the right time.

- **mixing up security down to subclones**
- **culture cycle per variety and season**
- **medium and jar per variety and production phase**
- **plants per jar, per variety and production phase**

In other words, IVS software guarantees a complete overview of plant material stages and handlings. But also data about culture room temperatures, jars, registration of recipes and ingredients of the medium can be managed with our software. Besides this, through barcode labeling IVS individuates every jar as well.

Be up to date with the latest information all the time.

PRODUCTION PLANNING

IVS Production Planning means both individual planning for all client orders, as well as fitting them to client needs and production requirements. The final result of the IVS Production Planning offers extensive data related to production control and for lab manager many possibilities of combining production processes and optimizing order processing.

- ➔ Stop searching through handwritten reports.
- ➔ Analyze your data instantly to correct or adjust your production accordingly.
- ➔ Save time and money. Use your energy for other projects.



TRACK AND TRACING

All recorded data remain available for many years. The whole history of plant material can be tracked from the first register through all further phases in the laboratory until delivery to the client. Further, information about plant material and all production activities can be recorded and accessed on handheld devices at real-time.