The PowerPlant™ DNA Isolation Kit provides a novel method for isolating high quality genomic DNA from a variety of plant tissues, such as leaves, roots and seeds. This unique hands-off homogenization uses a bead beating format and allows up to 24 samples to be processed at the same time using either a vortex adapter or a bench top homogenizer such as MO BIO’s Precellys® 24 Homogenizer. Nearly all types of plant tissues can be processed without hand grinding or liquid nitrogen freezing. With this kit’s novel PCR inhibitor removal system, pure genomic DNA can be obtained in less than 60 minutes.

GIVES YOU THE POWER TO DO MORE!

• Puriﬁes DNA from PCR inhibiting materials such as polysaccharides and polyphenols
• Cost-effective hands-off homogenization through a vortex adapter and a vortex
• Extracts DNA without hand grinding; eliminating the need to clean grinding tools between samples
• Includes robust, customized tubes to bead beat and homogenize without tube breakage
• Compatible with MO BIO’s Precellys® 24 or any bench top homogenizer

The PowerPlant™ DNA Isolation Kit is efﬁcient with a variety of plant types.

SAMPLE
Arabidopsis ✓
Pine needle ✓
Cotton ✓
Sunflower ✓
Strawberry ✓
Grapes ✓

SUCCESSFUL DNA ISOLATION
Rice ✓
Corn ✓
Wheat ✓
And More…” ✓
LI-COR's LI-6400 leads the way as the premiere portable photosynthesis system. Continuously developed and enhanced since 1995 to meet demanding research needs, LI-6400 design firsts include –

- IRGAs in the sensor head
- User cleanable optics
- Leaf chamber fluorometer
- Red/blue LED light source
- Remote Internet access NEW!
- Customer training program
- Real-time graphics
- Auto programs
- Multiple chamber options

The most referenced photosynthesis system in the world.

See the LI-6400 on the Web at www.licor.com/6400

ESAU'S PLANT ANATOMY
Meristems, Cells, and Tissues of the Plant Body—Their Structure, Function and Development

THIRD EDITION
Ray E. Evert

This revision of the now classic Plant Anatomy based on the famous and pioneering work of Katherine Esau, offers a completely updated review of the structure, function and development of meristems, cells and tissues of the plant body. Beginning with a general overview, chapters then cover the protoplast, cell wall, and membranes, through to phloem, pith, and secretory structures.

0-471-73843-3  2006 Cloth  $150.00