

Site-Specific Management Guidelines Series Now Available

A new series of publications called *Site-Specific Management Guidelines* (SSMG) was recently introduced at the 1999 Information Agriculture Conference (InfoAg99). The SSMG series is the result of a cooperative effort between South Dakota State University and PPI/FAR.

The objective of the project is to provide a mechanism to assemble expert knowledge in a timely fashion on site-specific management, in a form useful to farmers and their advisers.

Each Guideline addresses a subject or issue related to site-specific soil and crop management. The Guidelines are available individually or as a set in a three-ring binder. The format provides flexibility needed to stay current with the dynamic knowledge base surrounding site-specific technologies.

The SSMG series at present includes 29 topics, each two to four pages. Following is a list of the topics.

1. Site-Specific Use of the Environmental Phosphorus Index Concept
2. Management Zone Concepts
3. Profitability of Site-Specific Farming
4. How to Determine an Accurate Soil Testing Laboratory
5. Developing Management Zones to Target Nitrogen Applications
6. Global Positioning System Receivers
7. Variable Rate Equipment – Technology for Weed Control
8. Standardization and Precision Agriculture – ‘The Promised Land’
9. Yield Monitor Accuracy
10. The Pioneer Split-Planter Comparison Method
11. The Earth Model – Calculating Field Size and Distances between Points Using GPS Coordinates
12. Assessing Crop Nitrogen Needs with Chlorophyll Meters



13. Identifying Good Candidates for Precision Phosphorus Management
14. Selecting a DGPS for Making Topography Maps
15. Scouting for Weeds
16. Remote Sensing: Photographic vs. Non-Photographic Systems
17. Setting Up On-Farm Experiments
18. Simple On-Farm Comparisons
19. Area-Wide Management Zones for Insects
20. Estimating the Timing of Weed Emergence
21. Field Testing Management Zones for VRT
22. Potential Applications of Remote Sensing
23. Getting Specific with Site-Specific Nutrient Management
24. Grain Protein Sensing to Identify Nitrogen Management in Spring Wheat
25. Weed Biology and Precision Farming
26. Interpreting Remote Sensing Data
27. Spatial Variability in Corn and Soybean Insect Pests: Precision Farming and Insect Pest Management for the Future
28. Strategic Approach to Site-Specific Systems
29. Geographic Information Systems in Site-Specific Systems

To order the complete set of 29 topics in a binder, send US\$15.00 plus shipping/handling of US\$6.50 (U.S. delivery) or US\$9.00 (Canada delivery) to Potash & Phosphate Institute, 655 Engineering Drive, Suite 110, Norcross, GA 30092-2837. For ordering information on multiple binders or quantity purchases of separate topics, call the PPI Circulation Department at (770) 825-8082/84, or fax to (770) 448-0439.

To preview the Guidelines on-line or to learn about future updates and new topics that might be added to the series, check the web site at: www.ppi-far.org/ssmg. 