

# Science-Based Solutions: The Science Behind Growth and Development

Trichomes are minute, highly specialized outgrowths found along any surface of a plant, most often on stems and leaves. Many trichomes help adjust the microclimate of the plant surface by reflecting solar radiation and preventing evaporation. Others produce secretions that protect the plant from feeding insects.

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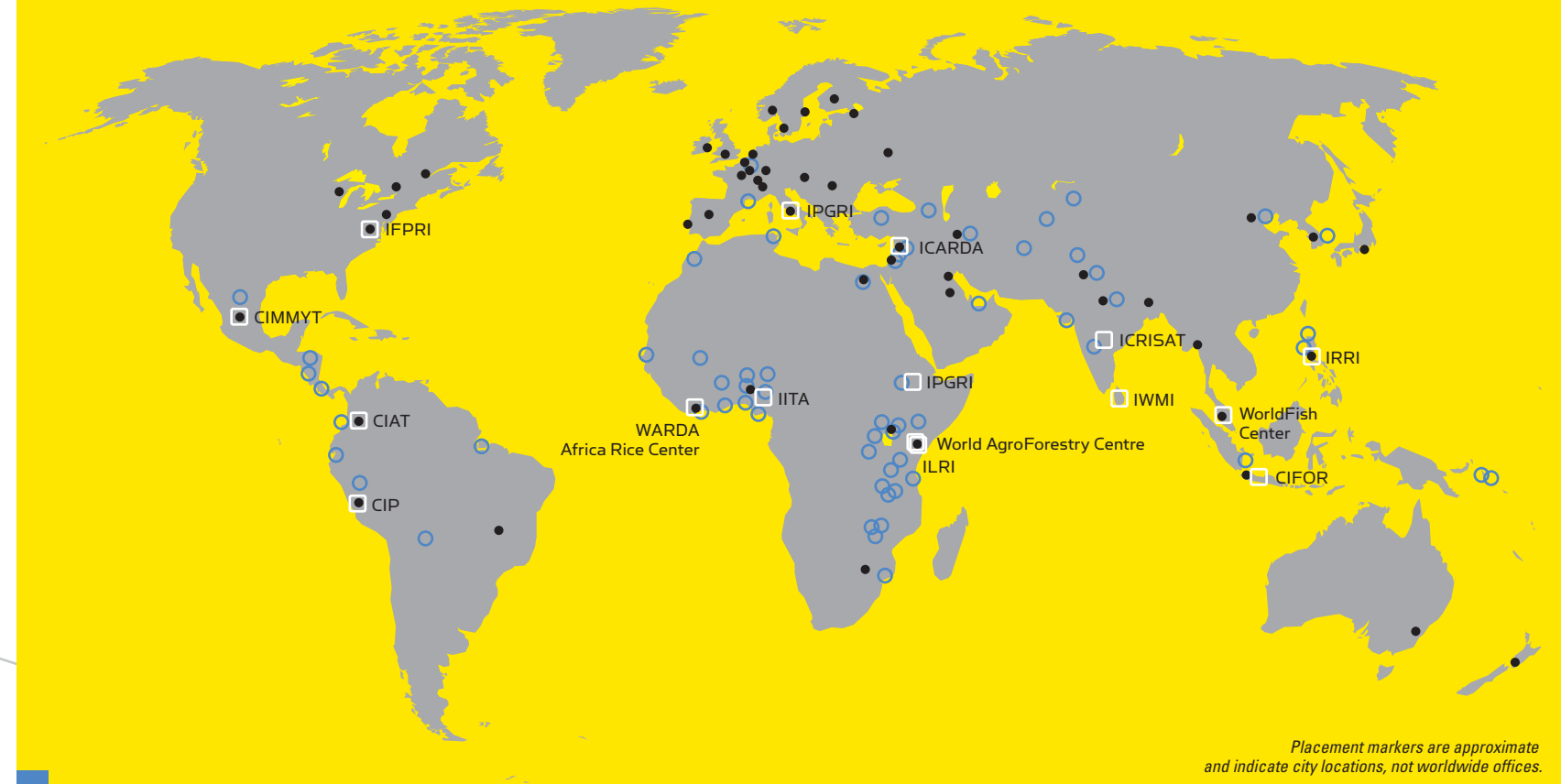
The 64 Members of the Consultative Group on International Agricultural Research (CGIAR) provide the human, technical, intellectual and financial resources that enable the Future Harvest Centers of the CGIAR to find and refine science-based solutions to constraints on agriculture, forestry, and fisheries in developing countries. Members' core support and dedicated commitment to science allow Centers to undertake the complex and often long-term research that offers the most potential to deliver real benefits with global applications. This valuable support translates into a vital contribution to agricultural development and environmental protection.

The Centers build and work through strong research partnerships that embrace the public and private sectors, civil society organizations, farmers, and the scientific communities of industrialized and developing countries. Snapshots of Center achievements during 2005 are included in this report.

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- Food and Agriculture Organization of the United Nations
- Kenya
- Republic of Korea
- Luxembourg
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# A Global CGIAR



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