WHEAT INITIATIVE

http://www.wheatinitiative.org
WHEAT INITIATIVE

• Established in 2011, endorsed by G20 Agriculture Ministries

• A framework for wheat improvement at the international level
  o Identify synergies
  o Facilitate collaborations
  o Share resources and capabilities

Encourage and support the development of a vibrant global wheat research community sharing resources, capabilities, data and ideas to improve wheat
WHY WHEAT...

• The world’s most important food crop
• Provides 20% of all calories and 20% of all protein in developing and developed countries
• Most traded crop
• Average global yield increase from 1 to 3.5 t/ha since 1960

BUT

• Demand will increase by 60% by 2050, while yields are stagnating
• Wheat is particularly susceptible to climate change
  • 7% decline in yield per degree increased temperature
PRACTICAL STEPS

• Boost research and technology delivery capability

  • Invest in staff and student training
  • Support exchange of personnel

• Prioritise activities with strong international linkages
PRACTICAL STEPS

• Encourage exchange of resources
• Germplasm exchange
• Access to specialised facilities
• Support efficient evaluation and delivery facilities – Crop evaluation hubs
PRACTICAL STEPS

• Actively participate in research alliances

WHEAT INITIATIVE EXAMPLES

• International Wheat Yield Partnership
• Alliance for Wheat Adaptation to Heat and Drought
• Wheat Crop Health Alliance
Find out more

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