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***technology.”
—Nature A major
new book that
shows the world
already has the
tools to feed
itself, without
expanding
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agriculture or
adopting
genetically***

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***modified seeds,
from the Small
Planet Institute
expert Few
challenges are
more daunting
than feeding a
global population
projected to
reach 9.7 billion
in 2050—at a time
when climate***

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***change is making
it increasingly
difficult to
successfully
grow crops. In
response,
corporate and
philanthropic
leaders have
called for major
investments in
industrial***

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***agriculture,
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United States,
Timothy A.
Wise's Eating
Tomorrow***

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***discovers how in
country after
country***

***agribusiness and
its well-heeled
philanthropic
promoters have
hijacked food
policies to feed
corporate
interests. Most of
the world, Wise***

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***reveals, is fed by
hundreds of
millions of small-
scale farmers,
people with few
resources and
simple tools but a
keen
understanding of
what and how to
grow food. These
same***

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***farmers—who
already grow
more than 70
percent of the
food eaten in
developing
countries—can
show the way
forward as the
world warms and
population
increases. Wise***

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***takes readers to
remote villages to
see how farmers
are rebuilding
soils with
ecologically
sound practices
and nourishing a
diversity of native
crops without
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***volume set is an
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presents
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embodies many
concepts in its attempt
to integrate all the

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systems into a holistic
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explores the processes
that occur within the
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shows where we can
build upon our
existing knowledge to
develop the concepts
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agriculture into the

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new conventional agriculture. Well-known researchers examine a variety of aspects, including production goals, environmental considerations, and economics, to build a knowledge base that allows readers to see where changes in agriculture must be

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made and how challenges can be met. They compare existing systems against definitions of sustainability and pinpoint those areas where improvements can be made in current systems to further the concepts of sustainability.

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to provide a
holistic
perspective and
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treatment of
nitrogen from
field, to
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also including a historical overview, human health impacts and policy considerations. It provides a worldwide perspective on nitrogen and agriculture.

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requires
increasing use
of nitrogen in
agriculture to
supply human
needs for
dietary protein.
Worldwide
demand for
nitrogen will
increase as a
direct response

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population.

Strategies and
perspectives are
considered to
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nitrogen-use
efficiency.

Issues of
nitrogen in crop
and human
nutrition, and

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transport and
transformations
along the
continuum from
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ground water,
watersheds,
streams, rivers,
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environments
are discussed.

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Described are
aerial transport
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systems and the
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current status of
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selected
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on the
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environment are
addressed. The
nitrogen cycle
provides a
framework for
assessing broad
scale or even
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to improve
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Growing human populations are the driving force that requires increased nitrogen inputs. These increasing inputs into the food-production system directly result in increased

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livestock and
human-
excretory
nitrogen
contribution into
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The scope of
this book is
diverse,
covering a range
of topics and

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issues from
furthering our
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variation in both the depth and coverage offered within a given area. However, an attempt has been made throughout to bring together pertinent information that will serve the

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***needs of
nonspecialists,
provide a quick
reference to
material that
might otherwise
be difficult to
locate, and
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point for further
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was undertaken***

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is to improve
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scientists. The
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