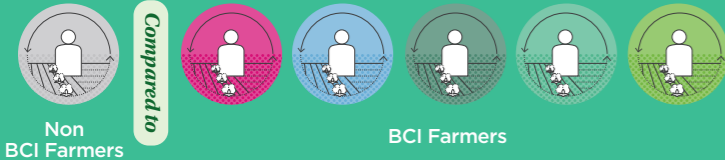# Farmer Results 2017-18 Season

BCI Better Cotton Initiative™
BetterCotton.org

The 2017-18 farmer results provide an overview of the outcomes BCI Farmers are experiencing at field-level by participating in the BCI programme and adhering to the Better Cotton Principles and Criteria (P&C). The Better Cotton P&C provide a global definition of Better Cotton through seven key principles. Adhering to the Better Cotton P&C enables BCI Farmers to produce cotton in a way that is measurably better for people, the environment and farming communities.

BCI Farmers vs. Comparison Farmers

The farmer results presented here compare the country averages of key social, environmental and economic indicators achieved by licensed BCI Farmers to non-BCI Farmers in the same geographic area who are not participating in the BCI Programme. We refer to the latter farmers as Comparison Farmers.

Non BCI Farmers   *Compared to*   BCI Farmers

Environmental indicators

Pesticide Use
The indicator measures the volume of active pesticide ingredient applied, per hectare of cotton cultivated.

Synthetic Fertiliser Use
The indicator measures the volume of synthetic fertiliser applied, per hectare of cotton cultivated.

Organic Fertiliser Use
The indicator measures the frequency of organic fertiliser use.

Water Use for Irrigation
The indicator measures the volume of water used for irrigation, per hectare of cotton cultivated. Water use is not recorded for rain-fed cotton cultivation.

Economic indicators

Yield
The indicator measures the amount of harvested cotton, per hectare.

Profitability
The indicator measures profitability, defined as the net income earned from producing the cotton crop.

In the 2017-18 season, the Better Cotton Standard System was directly implemented in 12 countries. This overview shares results from five of those countries and not the others for the following reasons.
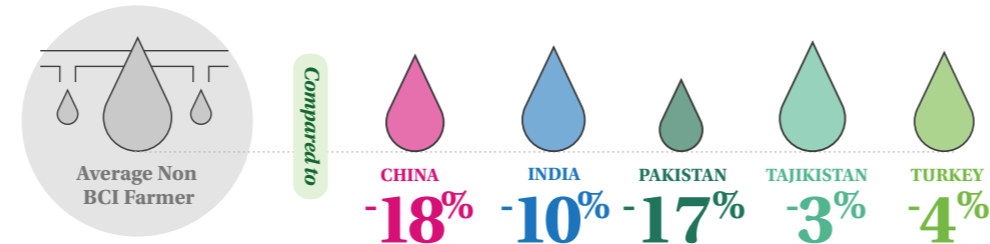
In Israel, Mozambique and South Africa, Comparison Farmer data was not available because most of the cotton farmers in these countries were already participating in the BCI Programme.

In Kazakhstan, Madagascar and Mali, there was only one licensed Producer Unit (a grouping of BCI Farmers) and BCI's data confidentiality agreements prevent public reporting of a single Producer Unit's results.

In the US, BCI only works with large farms, and Comparison Farmer data is not available because it is considered commercially confidential information.

Water m³/ha

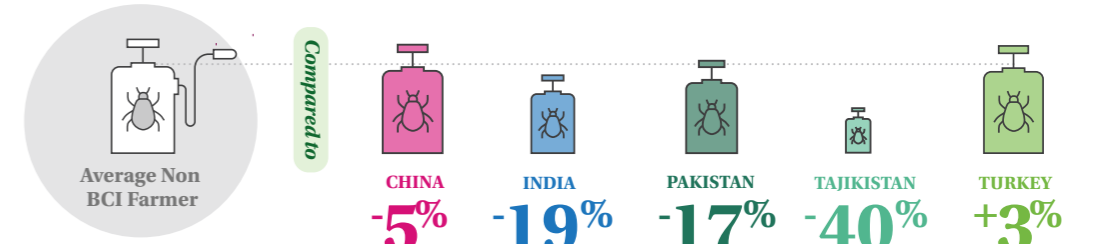BCI Farmers in all five countries used *LESS* water for irrigation than Comparison Farmers.

Average Non BCI Farmer   *Compared to*

CHINA	INDIA	PAKISTAN	TAJIKISTAN	TURKEY
-18%	-10%	-17%	-3%	-4%

"Tip" How to talk about the results:
BCI Farmers in China used *18% less* water than Comparison Farmers.

Pesticide kg/ha

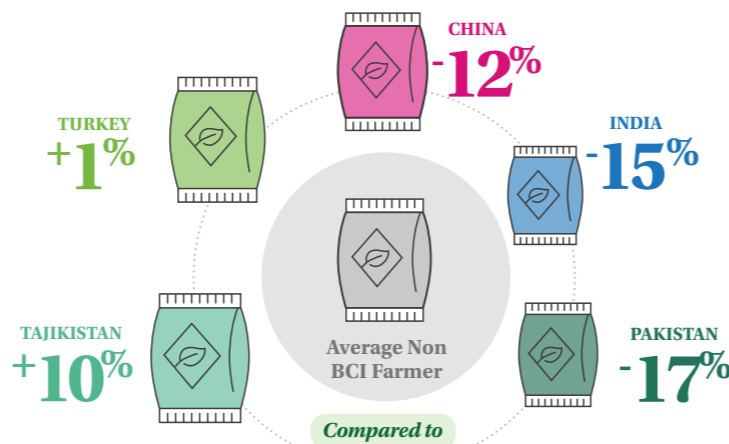BCI Farmers used *LESS* pesticide than Comparison Farmers in 4 of the 5 countries.

Average Non BCI Farmer   *Compared to*

CHINA	INDIA	PAKISTAN	TAJIKISTAN	TURKEY
-5%	-19%	-17%	-40%	+3%

"Tip" How to talk about the results:
BCI Farmers in India used *19% less* pesticide than Comparison Farmers.

Synthetic fertiliser kg/ha

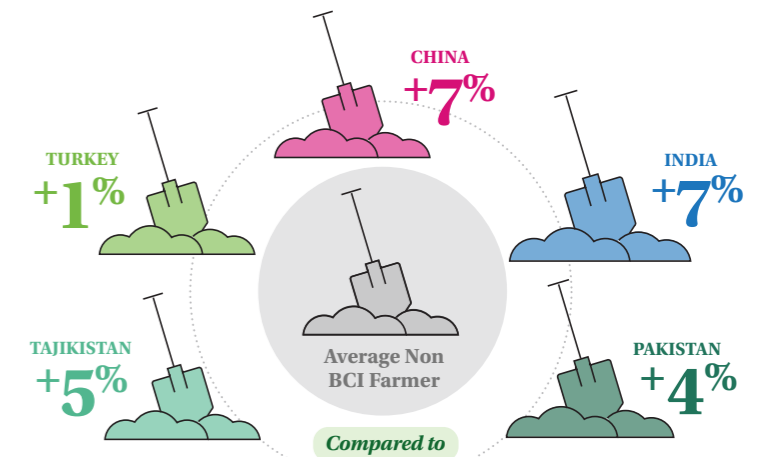BCI Farmers used *LESS* synthetic fertiliser than Comparison Farmers in 3 of the 5 countries.

CHINA -12%
TURKEY +1%
INDIA -15%
Average Non BCI Farmer
Compared to
TAJIKISTAN +10%
PAKISTAN -17%

"Tip" How to talk about the results:
BCI Farmers in Pakistan used *17% less* synthetic fertiliser than Comparison Farmers.

TAJIKISTAN
TURKEY
PAKISTAN
CHINA
INDIA

Organic fertiliser yes/no

BCI Farmers *USED* organic fertiliser more often than Comparison Farmers.

CHINA +7%
TURKEY +1%
INDIA +7%
Average Non BCI Farmer
Compared to
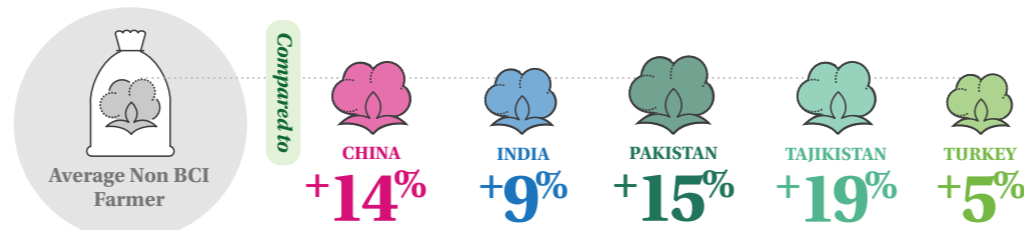TAJIKISTAN +5%
PAKISTAN +4%

"Tip" How to talk about the results:
In Pakistan, BCI Farmers used organic fertiliser *4% more* often than Comparison Farmers.

Yield lint mt/ha

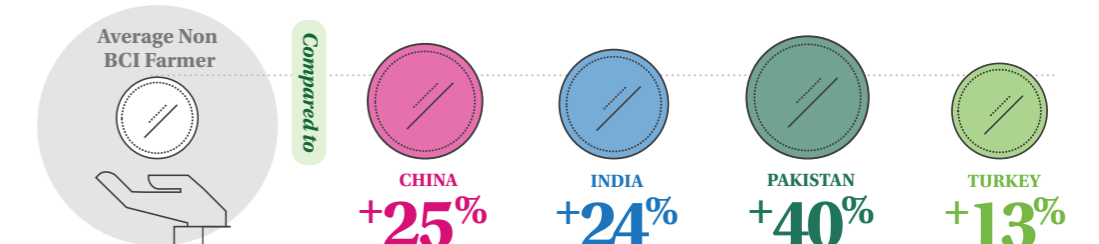BCI Farmers in all five countries had *HIGHER* yields than Comparison Farmers.

Average Non BCI Farmer   *Compared to*

CHINA	INDIA	PAKISTAN	TAJIKISTAN	TURKEY
+14%	+9%	+15%	+19%	+5%

"Tip" How to talk about the results:
BCI Farmers in Tajikistan had a *19% higher* yield than Comparison Farmers.

Profit net income/ha

BCI Farmers in 4 of the 5* countries had *HIGHER* profits than Comparison Farmers.

Average Non BCI Farmer   *Compared to*

CHINA	INDIA	PAKISTAN	TURKEY
+25%	+24%	+40%	+13%

"Tip" How to talk about the results:
BCI Farmers in Turkey had *13% higher* profits than Comparison Farmers.

*Due to data quality challenges with Comparison Farmers, the profitability indicator for this season has been omitted for Tajikistan.
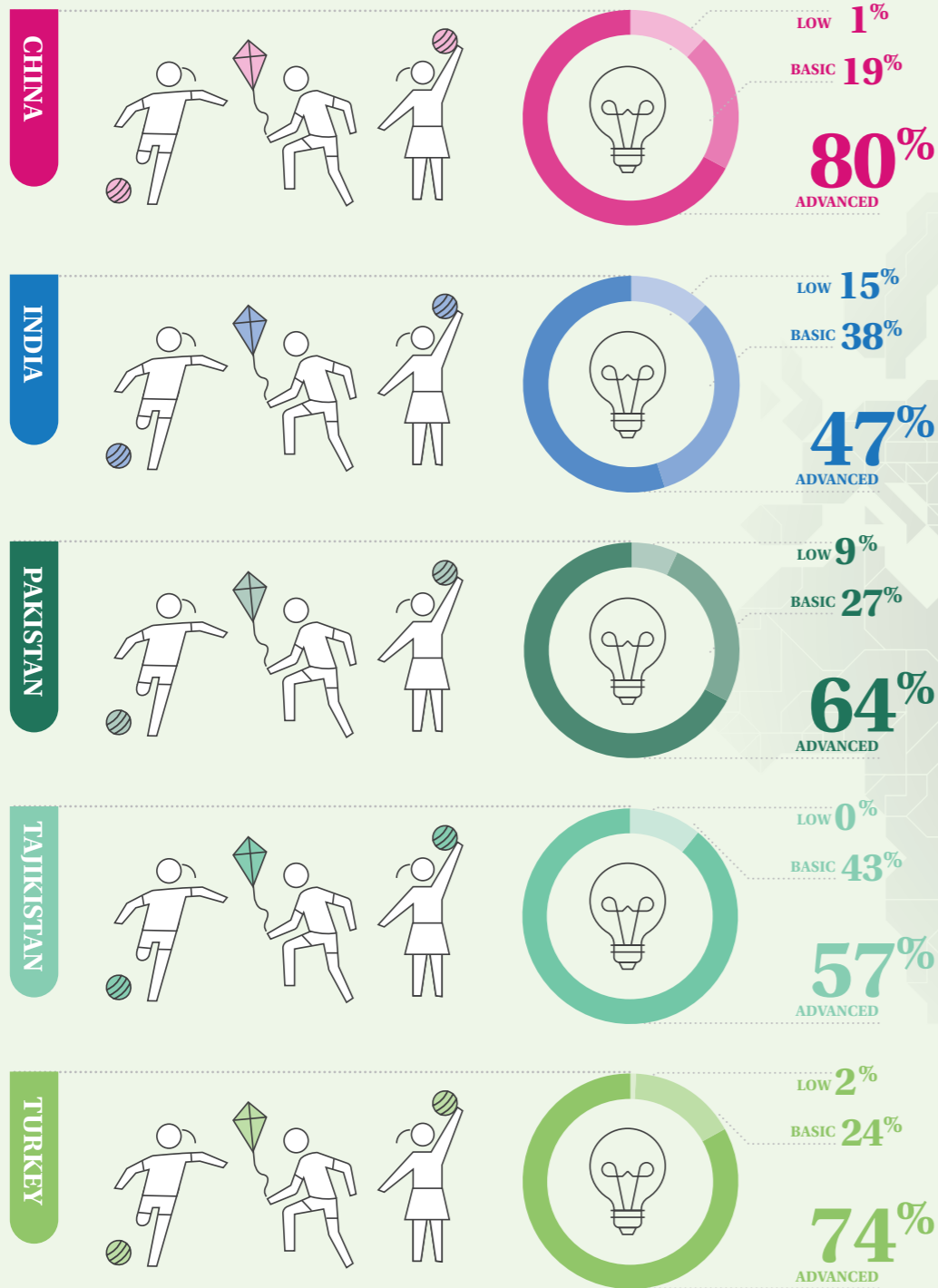
Farmer Results 2017-18 Season

BCI Better Cotton Initiative
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Eliminating Child Labour *Improving Knowledge*
The indicator measures the percentage of farmers who can accurately differentiate between acceptable forms of children's work and hazardous child labour.

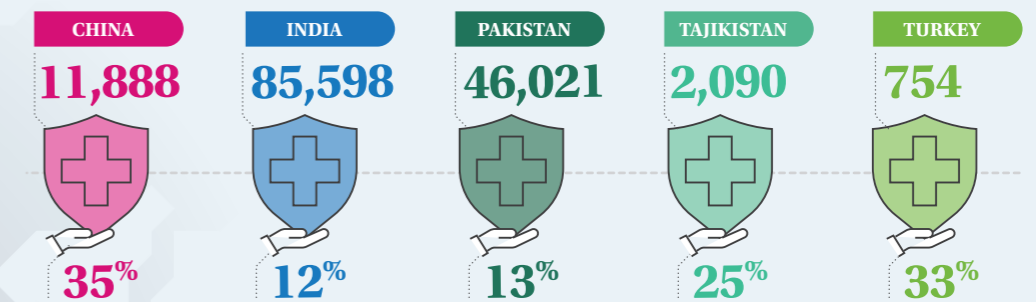**Women's Inclusion in BCI Activities**
The indicator measures the number of farmers and workers receiving BCI training who are women (by training topic), compared to the number of male farmers and workers trained.

Eliminating Child Labour *Improving Knowledge*

CHINA
LOW 1%
BASIC 19%
80% ADVANCED

INDIA
LOW 15%
BASIC 38%
47% ADVANCED

PAKISTAN
LOW 9%
BASIC 27%
64% ADVANCED

TAJIKISTAN
LOW 0%
BASIC 43%
57% ADVANCED

TURKEY
LOW 2%
BASIC 24%
74% ADVANCED

TAJIKISTAN
TURKEY
CHINA
PAKISTAN
INDIA

Women's Inclusion in BCI Activities

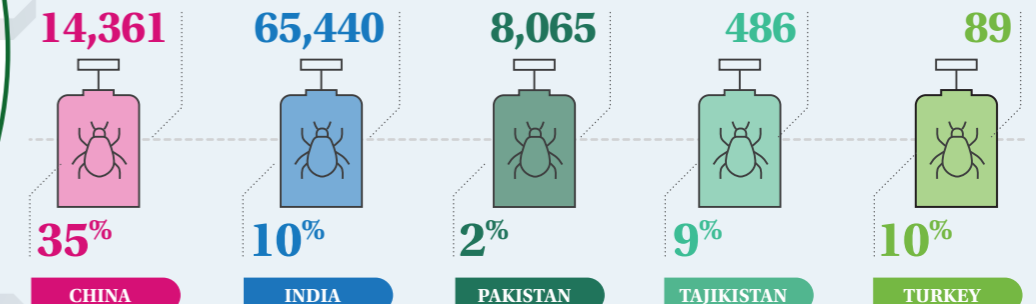Percentages represent the proportion of women trained as a total of all participants.

Training topic:
Health & safety, labour, gender or other social issues

CHINA	INDIA	PAKISTAN	TAJIKISTAN	TURKEY
11,888	85,598	46,021	2,090	754
35%	12%	13%	25%	33%

Training topic:
Preparation and use of pesticides

14,361	65,440	8,065	486	89
35%	10%	2%	9%	10%
CHINA	INDIA	PAKISTAN	TAJIKISTAN	TURKEY

Training topic:
Harvest practices to ensure fibre quality

CHINA 14,963 — 38%
171 TURKEY — 14%
INDIA 80,708 — 14%
2,820 TAJIKISTAN — 35%
16%
PAKISTAN 54,037