

COUNTRY TABLES

The team collected data in 40 countries in the following 11 areas: seed, fertilizer, machinery, finance, markets, transport, land, information and communications technology (ICT), water, livestock and environmental sustainability. Six of the topics were chosen for scoring and are presented in this section.

70.8
SEED

52.8
FERTILIZER

38.1
MACHINERY

60.1
FINANCE

80.4
MARKETS

60.7
TRANSPORT

70.8	SEED	
84.4	Δ Seed registration (0–100)	
2 ^a	Procedures (number)	
3 ^a	Time (days)	
0.0 ^a	Cost in US\$ (% income per capita)	
57.1	Δ Seed development and certification (0–100)	
52.8	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
7	Procedures (number)	
951	Time (days)	
702.6 (65.1)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
46.7	◇ Fertilizer import requirements (0–100)	
238.2 (22.1)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
0	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
38.1	MACHINERY	
37.5	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
63.3	◇ Tractor import requirements (0–100)	
238.2 (22.1)	Cost to register as an importer of tractors in US\$ (% income per capita)	
446.6 (41.3)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
60.1	FINANCE	
57.1	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
100	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
58.3	Δ Warehouse receipts (0–100)	
80.4	MARKETS	
85.7	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
1	Time to prepare export documents (days)	
6.0 (0.6)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
60.7	TRANSPORT	
64.3	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
3.5	Time to obtain truck permit (days)	
30.0 (2.8)	Cost to obtain truck permit in US\$ (% income per capita)	
3	Validity of truck permit (years)	
10.7 (1.0)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
57.1	◇ Cross-border transportation (0–100)	

60.6
OPERATIONS (Δ)

51.7
QUALITY CONTROL (∂)

55.7
TRADE (◇)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◇.
a. Registration is not available for maize varieties. Private companies can, at their discretion and at no cost, list maize varieties in the national catalogue. This is what the procedures and time capture.

84.4
SEED

63.3
FERTILIZER

38.3
MACHINERY

65.3
FINANCE

81.3
MARKETS

67.9
TRANSPORT

84.4	SEED	
81.3	Δ Seed registration (0–100)	
5	Procedures (number)	
517	Time (days)	
711.3 (25.1)	Cost in US\$ (% income per capita)	
87.5	Δ Seed development and certification (0–100)	
63.3	FERTILIZER	
20.0	Δ Fertilizer registration (0–100)	
N/A ^a	Procedures (number)	
N/A ^a	Time (days)	
N/A ^a	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
70.0	◊ Fertilizer import requirements (0–100)	
0	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
No data	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
38.3	MACHINERY	
25.0	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
83.3	◊ Tractor import requirements (0–100)	
0	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
65.3	FINANCE	
66.7	Δ Microfinance institutions (0–100)	
93.3	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
91.7	Δ Electronic money (0–100)	
75.0	Δ Warehouse receipts (0–100)	
81.3	MARKETS	
100	Δ Production and sales (0–100)	
62.5	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
2	Time to prepare export documents (days)	
54.0 (1.9)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
67.9	TRANSPORT	
64.3	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
4.5	Time to obtain truck permit (days)	
10.0 (0.4)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
10 (0.4)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

59.8
OPERATIONS (Δ)

56.4
QUALITY CONTROL (∂)

74.9
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. The private sector is not required to register fertilizer.

42.0
SEED

94.4
FERTILIZER

44.0
MACHINERY

18.1
FINANCE

93.8
MARKETS

71.4
TRANSPORT

42.0	SEED	
12.5	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
71.4	Δ Seed development and certification (0–100)	
94.4	FERTILIZER	
100	Δ Fertilizer registration (0–100)	
2	Procedures (number)	
31	Time (days)	
23.3 (0.5)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
83.3	◊ Fertilizer import requirements (0–100)	
0	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
44.0	MACHINERY	
37.5	Δ Tractor dealer requirements (0–100)	
27.8	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A ^a	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
18.1	FINANCE	
N/A ^b	Δ Microfinance institutions (0–100)	
0	Δ Credit unions (0–100)	
N/A ^b	Δ Agent banking (0–100)	
0	Δ Electronic money (0–100)	
54.2	Δ Warehouse receipts (0–100)	
93.8	MARKETS	
100	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
1	Time to prepare export documents (days)	
26.7 (0.6)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
71.4	TRANSPORT	
71.4	Δ Truck licenses (0–100)	
60	Time to obtain company license (days)	
266.7 (5.6)	Cost to obtain company license in US\$ (% income per capita)	
10	Validity of company license (years)	
30	Time to obtain truck permit (days)	
33.3 (0.7)	Cost to obtain truck permit in US\$ (% income per capita)	
10	Validity of truck permit (years)	
60.0 (1.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

61.5
OPERATIONS (Δ)

71.8
QUALITY CONTROL (∂)

73.8
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. 10% of customs value. b. Upper-middle-income countries are not measured under the microfinance institutions indicator and agent banking indicator.

54.2
SEED

43.9
FERTILIZER

40.6
MACHINERY

37.2
FINANCE

58.9
MARKETS

60.7
TRANSPORT

54.2	SEED	
65.6	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
42.9	Δ Seed development and certification (0–100)	
43.9	FERTILIZER	
0	Δ Fertilizer registration (0–100)	
N/A ^a	Procedures (number)	
N/A ^a	Time (days)	
N/A ^a	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
65.0	◊ Fertilizer import requirements (0–100)	
2.0 (0.3)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
2.0 (0.3)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
40.6	MACHINERY	
37.5	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
77.5	◊ Tractor import requirements (0–100)	
30.4 (4.3)	Cost to register as an importer of tractors in US\$ (% income per capita)	
2.0 (0.3)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
37.2	FINANCE	
42.9	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
83.3	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
58.9	MARKETS	
92.9	Δ Production and sales (0–100)	
25.0	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
2	Time to prepare export documents (days)	
19.2 (2.7)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
60.7	TRANSPORT	
50.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
1	Time to obtain truck permit (days)	
21.0 (3.0)	Cost to obtain truck permit in US\$ (% income per capita)	
0.5	Validity of truck permit (years)	
87.0 (12.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

45.3
OPERATIONS (Δ)

32.8
QUALITY CONTROL (∂)

71.3
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. The private sector is not required to register fertilizer.

53.8
SEED

62.2
FERTILIZER

35.6
MACHINERY

21.3
FINANCE

60.7
MARKETS

53.6
TRANSPORT

53.8	SEED	
21.9	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
85.7	Δ Seed development and certification (0–100)	
62.2	FERTILIZER	
60.0	Δ Fertilizer registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
60.0	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
No data	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
35.6	MACHINERY	
33.3	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
60.0	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
No data	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
21.3	FINANCE	
66.7	Δ Microfinance institutions (0–100)	
40.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
60.7	MARKETS	
71.4	Δ Production and sales (0–100)	
50.0	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
6	Time to prepare export documents (days)	
3.0 (1.1)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
240.7 (89.2)	Cost of licenses and membership in US\$ (% income per capita)	
53.6	TRANSPORT	
35.7	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
1	Time to obtain truck permit (days)	
12.0 (4.5)	Cost to obtain truck permit in US\$ (% income per capita)	
0.5	Validity of truck permit (years)	
18.1 (6.7)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

45.9
OPERATIONS (Δ)

43.3
QUALITY CONTROL (∂)

63.8
TRADE (◊)

68.8
SEED

57.2
FERTILIZER

26.5
MACHINERY

32.0
FINANCE

67.9
MARKETS

57.1
TRANSPORT

68.8	SEED	
37.5	Δ Seed registration (0–100)	
6	Procedures (number)	
407	Time (days)	
187.0 (18.5)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
57.2	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
No data ^a	Time (days)	
506.5 (50.1)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
60.0	◊ Fertilizer import requirements (0–100)	
No data	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
No data	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
26.5	MACHINERY	
6.3	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
32.0	FINANCE	
85.7	Δ Microfinance institutions (0–100)	
0	Δ Credit unions (0–100)	
74.3	Δ Agent banking (0–100)	
0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
67.9	MARKETS	
85.7	Δ Production and sales (0–100)	
50.0	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
7	Time to prepare export documents (days)	
86.6 (8.6)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
57.1	TRANSPORT	
57.1	Δ Truck licenses (0–100)	
10	Time to obtain company license (days)	
365.2 (36.2)	Cost to obtain company license in US\$ (% income per capita)	
2	Validity of company license (years)	
3.5	Time to obtain truck permit (days)	
11.0 (1.1)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
26.8 (2.7)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
57.1	◊ Cross-border transportation (0–100)	

49.1
OPERATIONS (Δ)

41.1
QUALITY CONTROL (∂)

61.3
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. No data on application for registration, but approval by committee takes 56 days.

93.8
SEED

43.3
FERTILIZER

43.3
MACHINERY

N/A^b
FINANCE

93.8
MARKETS

65.7
TRANSPORT

93.8	SEED	
87.5	Δ Seed registration (0–100)	
5	Procedures (number)	
848	Time (days)	
920.8 (6.2)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
43.3	FERTILIZER	
0	Δ Fertilizer registration (0–100)	
N/A ^a	Procedures (number)	
N/A ^a	Time (days)	
N/A ^a	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
63.3	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
20.1 (0.1)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
43.3	MACHINERY	
50.0	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
N/A^b	FINANCE	
-	Δ Microfinance institutions (0–100)	
-	Δ Credit unions (0–100)	
-	Δ Agent banking (0–100)	
-	Δ Electronic money (0–100)	
-	Δ Warehouse receipts (0–100)	
93.8	MARKETS	
100	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
1	Time to prepare export documents (days)	
0 ^c	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
65.7	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
15.4 (0.1)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

60.8
OPERATIONS (Δ)

55.8
QUALITY CONTROL (∂)

67.1
TRADE (◊)

75.0
SEED

91.1
FERTILIZER

50.0
MACHINERY

89.4
FINANCE

93.8
MARKETS

78.6
TRANSPORT

75.0	SEED	
50.0	Δ Seed registration (0–100)	
5	Procedures (number)	
591	Time (days)	
4,526.4 (58.2)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
91.1	FERTILIZER	
100	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
48	Time (days)	
No data	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
73.3	◊ Fertilizer import requirements (0–100)	
0	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
31.3 (0.4)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
50.0	MACHINERY	
70.0	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
No data	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
89.4	FINANCE	
N/A ^a	Δ Microfinance institutions (0–100)	
93.3	Δ Credit unions (0–100)	
N/A ^a	Δ Agent banking (0–100)	
91.7	Δ Electronic money (0–100)	
83.3	Δ Warehouse receipts (0–100)	
93.8	MARKETS	
100	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
4	Time to prepare export documents (days)	
No data ^b	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
0	Cost of licenses and membership in US\$ (% income per capita)	
78.6	TRANSPORT	
71.4	Δ Truck licenses (0–100)	
57	Time to obtain company license (days)	
268 (3.4)	Cost to obtain company license in US\$ (% income per capita)	
Indefinite ^c	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
156.4 (2.0)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
2	Validity of vehicle inspection (years)	
85.7	◊ Cross-border transportation (0–100)	

84.3
OPERATIONS (Δ)

66.9
QUALITY CONTROL (∂)

75.2
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊.

a. Upper-middle-income countries are not measured under the microfinance institutions indicator and agent banking indicator. b. The cost of document 1 (phytosanitary certificate) is \$33.9 (0.4% of income per capita). The cost of document 2 (quality certificate) could not be obtained. c. Has to be validated every year.

54.7
SEED

64.4
FERTILIZER

45.4
MACHINERY

37.7
FINANCE

58.0
MARKETS

60.7
TRANSPORT

54.7	SEED	
59.4	Δ Seed registration (0–100)	
6	Procedures (number)	
368	Time (days)	
2,082.2 (134.2)	Cost in US\$ (% income per capita)	
50.0	Δ Seed development and certification (0–100)	
64.4	FERTILIZER	
60.0	Δ Fertilizer registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
59.5 (3.8)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
45.4	MACHINERY	
25.0	Δ Tractor dealer requirements (0–100)	
27.8	∂ Tractor standards and safety (0–100)	
83.3	◊ Tractor import requirements (0–100)	
59.5 (3.8)	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
37.7	FINANCE	
42.9	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
85.4	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
58.0	MARKETS	
78.6	Δ Production and sales (0–100)	
37.5	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
No data	Time to prepare export documents (days)	
No data	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
198.3 (12.8)	Cost of licenses and membership in US\$ (% income per capita)	
60.7	TRANSPORT	
50.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
1	Time to obtain truck permit (days)	
49.6 (3.2)	Cost to obtain truck permit in US\$ (% income per capita)	
2	Validity of truck permit (years)	
87.1 (5.6)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

51.0
OPERATIONS (Δ)

44.0
QUALITY CONTROL (∂)

73.8
TRADE (◊)

87.5
SEED

82.2
FERTILIZER

80.7
MACHINERY

N/A^a
FINANCE

85.7
MARKETS

100
TRANSPORT

87.5	SEED	
87.5	Δ Seed registration (0–100)	
6	Procedures (number)	
690	Time (days)	
4,640.5 (7.6)	Cost in US\$ (% income per capita)	
87.5	Δ Seed development and certification (0–100)	
82.2	FERTILIZER	
80.0	Δ Fertilizer registration (0–100)	
2	Procedures (number)	
31	Time (days)	
267.7 (0.4)	Cost in US\$ (% income per capita)	
83.3	∂ Fertilizer quality control (0–100)	
83.3	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
80.7	MACHINERY	
86.7	Δ Tractor dealer requirements (0–100)	
72.2	∂ Tractor standards and safety (0–100)	
83.3	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
N/A^a	FINANCE	
-	Δ Microfinance institutions (0–100)	
-	Δ Credit unions (0–100)	
-	Δ Agent banking (0–100)	
-	Δ Electronic money (0–100)	
-	Δ Warehouse receipts (0–100)	
85.7	MARKETS	
71.4	Δ Production and sales (0–100)	
100	∂ Plant protection (0–100)	
0	Export documents per shipment (number)	
0	Time to prepare export documents (days)	
0	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
667.5 (1.1)	Cost of licenses and membership in US\$ (% income per capita)	
100	TRANSPORT	
100	Δ Truck licenses (0–100)	
27	Time to obtain company license (days)	
0	Cost to obtain company license in US\$ (% income per capita)	
10	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
190.5 (0.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
100	◊ Cross-border transportation (0–100)	

85.1
OPERATIONS (Δ)

85.2
QUALITY CONTROL (∂)

88.9
TRADE (◊)

58.9
SEED34.4
FERTILIZER28.5
MACHINERY59.8
FINANCE55.4
MARKETS52.4
TRANSPORT

58.9	SEED	
75.0	Δ Seed registration (0–100)	
4	Procedures (number)	
620	Time (days)	
488.9 (88.9)	Cost in US\$ (% income per capita)	
42.9	Δ Seed development and certification (0–100)	
34.4	FERTILIZER	
20.0	Δ Fertilizer registration (0–100)	
N/A ^a	Procedures (number)	
N/A ^a	Time (days)	
N/A ^a	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
16.7	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
28.5	MACHINERY	
18.8	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
60.0	◊ Tractor import requirements (0–100)	
15.3 (2.8)	Cost to register as an importer of tractors in US\$ (% income per capita)	
5.2 (0.9)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
59.8	FINANCE	
47.6	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
91.4	Δ Agent banking (0–100)	
0	Δ Electronic money (0–100)	
100	Δ Warehouse receipts (0–100)	
55.4	MARKETS	
85.7	Δ Production and sales (0–100)	
25.0	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
No data ^b	Time to prepare export documents (days)	
80.9 (14.7)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
9.0 (1.6)	Cost of licenses and membership in US\$ (% income per capita)	
52.4	TRANSPORT	
61.9	Δ Truck licenses (0–100)	
1	Time to obtain company license (days)	
34.6 (6.3)	Cost to obtain company license in US\$ (% income per capita)	
1	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
19.4 (3.5)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
42.9	◊ Cross-border transportation (0–100)	

50.9
OPERATIONS (Δ)32.8
QUALITY CONTROL (∂)39.8
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊.

a. The private sector is not required to register fertilizer. b. The time to obtain document 1 (phytosanitary certificate) is 1 day, and the time to obtain document 3 (fumigation certificate) is 1 day. The time to obtain document 2 (quality certificate) could not be obtained.

75.0
SEED

68.9
FERTILIZER

44.4
MACHINERY

37.7
FINANCE

86.6
MARKETS

65.7
TRANSPORT

75.0	SEED	
62.5	Δ Seed registration (0–100)	
6	Procedures (number)	
534	Time (days)	
No data	Cost in US\$ (% income per capita)	
87.5	Δ Seed development and certification (0–100)	
68.9	FERTILIZER	
90.0	Δ Fertilizer registration (0–100)	
5	Procedures (number)	
765	Time (days)	
260.6 (7.0)	Cost in US\$ (% income per capita)	
50.0	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
44.4	MACHINERY	
33.3	Δ Tractor dealer requirements (0–100)	
33.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
37.7	FINANCE	
0	Δ Microfinance institutions (0–100)	
80.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
50.0	Δ Electronic money (0–100)	
58.3	Δ Warehouse receipts (0–100)	
86.6	MARKETS	
85.7	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
5	Time to prepare export documents (days)	
95.6 (2.6)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
65.7	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
N/A	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
N/A	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

63.6
OPERATIONS (Δ)

56.9
QUALITY CONTROL (∂)

68.3
TRADE (◊)

40.6
SEED59.4
FERTILIZER39.2
MACHINERY41.7
FINANCE71.4
MARKETS65.7
TRANSPORT

40.6	SEED	
43.8	Δ Seed registration (0–100)	
6	Procedures (number)	
757	Time (days)	
No data	Cost in US\$ (% income per capita)	
37.5	Δ Seed development and certification (0–100)	
59.4	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
4	Procedures (number)	
255	Time (days)	
1,445.4 (89.2)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
158.4 (9.8)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
39.2	MACHINERY	
37.5	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
41.7	FINANCE	
42.9	Δ Microfinance institutions (0–100)	
80.0	Δ Credit unions (0–100)	
60.5	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
71.4	MARKETS	
92.9	Δ Production and sales (0–100)	
50.0	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
8	Time to prepare export documents (days)	
5.9 (0.4)	Cost of export documents in US\$ (% income per capita)	
3	Trader licensing and membership requirements (number)	
2,435.6 (150.3) ^a	Cost of licenses and membership in US\$ (% income per capita)	
65.7	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
99 (6.1)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

52.9
OPERATIONS (Δ)43.3
QUALITY CONTROL (∂)68.3
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊.

a. The total cost excludes the cost of Ghana's Cocoa Export License, which could not be quantified and was recorded as "variable" based on contributor responses and the applicable regulations.

73.4
SEED

93.3
FERTILIZER

74.6
MACHINERY

N/A^a
FINANCE

90.2
MARKETS

92.9
TRANSPORT

73.4	SEED	
46.9	Δ Seed registration (0–100)	
6	Procedures (number)	
729	Time (days)	
1,911.4 (8.7)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
93.3	FERTILIZER	
100	Δ Fertilizer registration (0–100)	
7	Procedures (number)	
211	Time (days)	
1,282.4 (5.8)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
80.0	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
135.0 (0.6)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
74.6	MACHINERY	
83.8	Δ Tractor dealer requirements (0–100)	
73.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
N/A^a	FINANCE	
-	Δ Microfinance institutions (0–100)	
-	Δ Credit unions (0–100)	
-	Δ Agent banking (0–100)	
-	Δ Electronic money (0–100)	
-	Δ Warehouse receipts (0–100)	
90.2	MARKETS	
92.9	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
0	Export documents per shipment (number)	
0	Time to prepare export documents (days)	
0	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
809.9 (3.7)	Cost of licenses and membership in US\$ (% income per capita)	
92.9	TRANSPORT	
85.7	Δ Truck licenses (0–100)	
60	Time to obtain company license (days)	
674.9 (3.1)	Cost to obtain company license in US\$ (% income per capita)	
10	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
141.7 (0.6)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
100	◊ Cross-border transportation (0–100)	

87.2
OPERATIONS (Δ)

86.9
QUALITY CONTROL (∂)

82.2
TRADE (◊)

71.0
SEED

66.9
FERTILIZER

40.6
MACHINERY

46.3
FINANCE

86.6
MARKETS

72.9
TRANSPORT

71.0	SEED	
56.3	Δ Seed registration (0–100)	
4	Procedures (number)	
166	Time (days)	
67.5 (2.0)	Cost in US\$ (% income per capita)	
85.7	Δ Seed development and certification (0–100)	
66.9	FERTILIZER	
35.0	Δ Fertilizer registration (0–100)	
2	Procedures (number)	
105	Time (days)	
12.5 (0.4)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
65.8	∠ Fertilizer import requirements (0–100)	
No data	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
No data	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
40.6	MACHINERY	
25.0	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
83.3	∠ Tractor import requirements (0–100)	
622.6 (18.1)	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
46.3	FINANCE	
0	Δ Microfinance institutions (0–100)	
40.0	Δ Credit unions (0–100)	
91.4	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
75.0	Δ Warehouse receipts (0–100)	
86.6	MARKETS	
85.7	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
1	Time to prepare export documents (days)	
6.3 (0.2)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
72.9	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
100 (2.9)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
85.7	∠ Cross-border transportation (0–100)	

53.8
OPERATIONS (Δ)

66.9
QUALITY CONTROL (∂)

78.3
TRADE (∠)

71.0
SEED

67.8
FERTILIZER

42.1
MACHINERY

21.7
FINANCE

83.9
MARKETS

66.7
TRANSPORT

71.0	SEED	
56.3	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
85.7	Δ Seed development and certification (0–100)	
67.8	FERTILIZER	
70.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
36	Time (days)	
15.0 (0.3) ^a	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
13.6 (0.3)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
13.6 (0.3)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
42.1	MACHINERY	
36.3	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
76.7	◊ Tractor import requirements (0–100)	
13.6 (0.3)	Cost to register as an importer of tractors in US\$ (% income per capita)	
13.6 (0.3)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
21.7	FINANCE	
N/A ^b	Δ Microfinance institutions (0–100)	
40.0	Δ Credit unions (0–100)	
N/A ^b	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
83.9	MARKETS	
92.9	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
1	Time to prepare export documents (days)	
2.7 (0.1)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
66.7	TRANSPORT	
61.9	Δ Truck licenses (0–100)	
3	Time to obtain company license (days)	
203.3 (3.9)	Cost to obtain company license in US\$ (% income per capita)	
1	Validity of company license (years)	
1	Time to obtain truck permit (days)	
521.7 (10.1)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
40.7 (0.8)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

58.9
OPERATIONS (Δ)

51.7
QUALITY CONTROL (∂)

71.6
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. Cost of application for registration is \$15, but cost of lab report is unknown. Approval by the National Committee is free. b. Upper-middle-income countries are not measured under the microfinance institutions indicator and agent banking indicator.

90.6
SEED50.0
FERTILIZER57.2
MACHINERY72.9
FINANCE50.9
MARKETS75.0
TRANSPORT

90.6	SEED	
93.8	Δ Seed registration (0–100)	
6	Procedures (number)	
321	Time (days)	
1,798.5 (140.5)	Cost in US\$ (% income per capita)	
87.5	Δ Seed development and certification (0–100)	
50.0	FERTILIZER	
0	Δ Fertilizer registration (0–100)	
N/A ^a	Procedures (number)	
N/A ^a	Time (days)	
N/A ^a	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
83.3	◊ Fertilizer import requirements (0–100)	
327.0 (25.5)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
57.2	MACHINERY	
43.8	Δ Tractor dealer requirements (0–100)	
61.1	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
72.9	FINANCE	
90.5	Δ Microfinance institutions (0–100)	
86.7	Δ Credit unions (0–100)	
87.1	Δ Agent banking (0–100)	
100	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
50.9	MARKETS	
64.3	Δ Production and sales (0–100)	
37.5	∂ Plant protection (0–100)	
4	Export documents per shipment (number)	
6	Time to prepare export documents (days)	
130.8 (10.2) ^b	Cost of export documents in US\$ (% income per capita)	
2	Trader licensing and membership requirements (number)	
1,602.3 (125.2)	Cost of licenses and membership in US\$ (% income per capita)	
75.0	TRANSPORT	
78.6	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
1	Time to obtain truck permit (days)	
32.7 (2.6)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
10.9 (0.9)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

58.3
OPERATIONS (Δ)55.1
QUALITY CONTROL (∂)73.8
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊.

a. The private sector is not required to register fertilizer. b. The total cost excludes the cost of document 4 (export release order), which requires payment of an ad valorem levy (1% of ex-warehouse price for tea exports sold at the tea auction).

48.9
SEED

63.9
FERTILIZER

63.9
MACHINERY

79.8
FINANCE

80.4
MARKETS

72.9
TRANSPORT

48.9	SEED	
40.6	Δ Seed registration (0–100)	
5	Procedures (number)	
970	Time (days)	
2,850.7 (228.1)	Cost in US\$ (% income per capita)	
57.1	Δ Seed development and certification (0–100)	
63.9	FERTILIZER	
75.0	Δ Fertilizer registration (0–100)	
5	Procedures (number)	
730	Time (days)	
277.9 (22.2)	Cost in US\$ (% income per capita)	
50.0	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
63.9	MACHINERY	
75.0	Δ Tractor dealer requirements (0–100)	
33.3	∂ Tractor standards and safety (0–100)	
83.3	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
79.8	FINANCE	
61.9	Δ Microfinance institutions (0–100)	
100	Δ Credit unions (0–100)	
91.4	Δ Agent banking (0–100)	
87.5	Δ Electronic money (0–100)	
58.3	Δ Warehouse receipts (0–100)	
80.4	MARKETS	
85.7	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
2	Time to prepare export documents (days)	
10.1 (0.8)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
72.9	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
12.4 (1.0)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
85.7	◊ Cross-border transportation (0–100)	

70.7
OPERATIONS (Δ)

52.8
QUALITY CONTROL (∂)

78.6
TRADE (◊)

45.5
SEED

60.6
FERTILIZER

20.0
MACHINERY

34.3
FINANCE

83.9
MARKETS

69.0
TRANSPORT

45.5	SEED	
62.5	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
28.6	Δ Seed development and certification (0–100)	
60.6	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
4	Procedures (number)	
No data	Time (days)	
7.9 (0.5)	Cost in US\$ (% income per capita)	
83.3	∂ Fertilizer quality control (0–100)	
53.3	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
3.1 (0.2)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
20.0	MACHINERY	
0	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
53.3	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
1.2 (0.1)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
34.3	FINANCE	
66.7	Δ Microfinance institutions (0–100)	
80.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
83.9	MARKETS	
92.9	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
3	Time to prepare export documents (days)	
151.0 (9.4)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
69.0	TRANSPORT	
66.7	Δ Truck licenses (0–100)	
30	Time to obtain company license (days)	
24.4 (1.5)	Cost to obtain company license in US\$ (% income per capita)	
1	Validity of company license (years)	
7	Time to obtain truck permit (days)	
67.2 (4.2)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
2.4 (0.2)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

47.4

OPERATIONS (Δ)

55.0

QUALITY CONTROL (∂)

59.4

TRADE (◊)

56.0
SEED71.1
FERTILIZER27.8
MACHINERY37.2
FINANCE55.4
MARKETS67.9
TRANSPORT

56.0	SEED	
40.6	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
71.4	Δ Seed development and certification (0–100)	
71.1	FERTILIZER	
80.0	Δ Fertilizer registration (0–100)	
4	Procedures (number)	
90	Time (days)	
No data	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
0	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
3.0 (0.4)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
27.8	MACHINERY	
0	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
76.7	◊ Tractor import requirements (0–100)	
0	Cost to register as an importer of tractors in US\$ (% income per capita)	
3.0 (0.4)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
37.2	FINANCE	
42.9	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
83.3	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
55.4	MARKETS	
85.7	Δ Production and sales (0–100)	
25.0	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
3	Time to prepare export documents (days)	
19.8 (2.7)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
67.9	TRANSPORT	
64.3	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
3	Time to obtain truck permit (days)	
31.6 (4.4)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
34.6 (4.8)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

53.9
OPERATIONS (Δ)32.8
QUALITY CONTROL (∂)71.6
TRADE (◊)

85.9
SEED

50.4
FERTILIZER

52.0
MACHINERY

0
FINANCE

72.3
MARKETS

60.7
TRANSPORT

85.9	SEED	
71.9	Δ Seed registration (0–100)	
6	Procedures (number)	
585	Time (days)	
469.9 (15.6)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
50.4	FERTILIZER	
0	Δ Fertilizer registration (0–100)	
N/A ^a	Procedures (number)	
N/A ^a	Time (days)	
N/A ^a	Cost in US\$ (% income per capita)	
94.4	∂ Fertilizer quality control (0–100)	
56.7	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
0	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
52.0	MACHINERY	
55.0	Δ Tractor dealer requirements (0–100)	
44.4	∂ Tractor standards and safety (0–100)	
56.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
0	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
0	FINANCE	
0	Δ Microfinance institutions (0–100)	
0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
72.3	MARKETS	
82.1	Δ Production and sales (0–100)	
62.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
No data ^b	Time to prepare export documents (days)	
No data ^c	Cost of export documents in US\$ (% income per capita)	
2	Trader licensing and membership requirements (number)	
No data	Cost of licenses and membership in US\$ (% income per capita)	
60.7	TRANSPORT	
50.0	Δ Truck licenses (0–100)	
3	Time to obtain company license (days)	
0	Cost to obtain company license in US\$ (% income per capita)	
Indefinite ^d	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
47 (1.6)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

45.5
OPERATIONS (Δ)

67.1
QUALITY CONTROL (∂)

61.6
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊.

a. The private sector is not required to register fertilizer. b. The time to obtain document 1 (phytosanitary certificate) is 3 days. The time to obtain document 2 (inspection certificate) could not be obtained. c. The cost of document 1 (phytosanitary certificate) is \$17.6 (0.6% of income per capita). The cost of document 2 (inspection certificate) could not be obtained. d. License is revoked if any of the pre-requirements are not fulfilled.

90.6
SEED

46.1
FERTILIZER

42.5
MACHINERY

29.8
FINANCE

83.9
MARKETS

60.7
TRANSPORT

90.6	SEED	
81.3	Δ Seed registration (0–100)	
7	Procedures (number)	
582	Time (days)	
500.0 (79.4)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
46.1	FERTILIZER	
30.0	Δ Fertilizer registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
50.0	∂ Fertilizer quality control (0–100)	
58.3	◊ Fertilizer import requirements (0–100)	
200.0 (31.7)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
81.6 (13)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
42.5	MACHINERY	
37.5	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
83.3	◊ Tractor import requirements (0–100)	
5548.1 (880.6)	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
29.8	FINANCE	
57.1	Δ Microfinance institutions (0–100)	
66.7	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
83.9	MARKETS	
92.9	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
2	Time to prepare export documents (days)	
13.4 (2.1)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
60.7	TRANSPORT	
64.3	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
2.5	Time to obtain truck permit (days)	
130.5 (20.7)	Cost to obtain truck permit in US\$ (% income per capita)	
5	Validity of truck permit (years)	
34.4 (5.5)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
57.1	◊ Cross-border transportation (0–100)	

57.5
OPERATIONS (Δ)

43.9
QUALITY CONTROL (∂)

66.3
TRADE (◊)

53.6
SEED

61.9
FERTILIZER

21.4
MACHINERY

24.6
FINANCE

42.0
MARKETS

22.6
TRANSPORT

53.6	SEED	
50.0	Δ Seed registration (0–100)	
6	Procedures (number)	
306	Time (days)	
445.1 (35.1)	Cost in US\$ (% income per capita)	
57.1	Δ Seed development and certification (0–100)	
61.9	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
42	Time (days)	
122.4 (9.6)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
40.8	∠ Fertilizer import requirements (0–100)	
55.6 (4.4)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
55.6 (4.4)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
21.4	MACHINERY	
0	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
57.5	∠ Tractor import requirements (0–100)	
11.1 (0.9)	Cost to register as an importer of tractors in US\$ (% income per capita)	
55.6 (4.4)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
24.6	FINANCE	
42.9	Δ Microfinance institutions (0–100)	
80.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
42.0	MARKETS	
71.4	Δ Production and sales (0–100)	
12.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
4	Time to prepare export documents (days)	
20.3 (1.6)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
22.6	TRANSPORT	
31.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
11.5	Time to obtain truck permit (days)	
2.2 (0.2)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
51.7 (4.1)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
14.3	∠ Cross-border transportation (0–100)	

37.6
OPERATIONS (Δ)

39.7
QUALITY CONTROL (∂)

37.5
TRADE (∠)

55.8
SEED

57.2
FERTILIZER

21.0
MACHINERY

50.0
FINANCE

81.3
MARKETS

44.0
TRANSPORT

55.8	SEED	
68.8	Δ Seed registration (0–100)	
5	Procedures (number)	
611	Time (days)	
0	Cost in US\$ (% income per capita)	
42.9	Δ Seed development and certification (0–100)	
57.2	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
1125	Time (days)	
49.4 (6.8)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
60.0	◊ Fertilizer import requirements (0–100)	
0	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
83.9 (11.5)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
21.0	MACHINERY	
6.3	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
50.0	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
50.0	FINANCE	
57.1	Δ Microfinance institutions (0–100)	
93.3	Δ Credit unions (0–100)	
74.3	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
81.3	MARKETS	
100	Δ Production and sales (0–100)	
62.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
2	Time to prepare export documents (days)	
5.3 (0.7)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
44.0	TRANSPORT	
45.2	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
2	Time to obtain truck permit (days)	
303.7 (41.6)	Cost to obtain truck permit in US\$ (% income per capita)	
0.3	Validity of truck permit (years)	
1.0 (0.1)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
42.9	◊ Cross-border transportation (0–100)	

50.4
OPERATIONS (Δ)

45.3
QUALITY CONTROL (∂)

51.0
TRADE (◊)

54.9
SEED

64.4
FERTILIZER

41.5
MACHINERY

31.2
FINANCE

67.0
MARKETS

75.0
TRANSPORT

54.9	SEED	
81.3	Δ Seed registration (0–100)	
6	Procedures (number)	
650	Time (days)	
15,265.0 (834.2)	Cost in US\$ (% income per capita)	
28.6	Δ Seed development and certification (0–100)	
64.4	FERTILIZER	
35.0	Δ Fertilizer registration (0–100)	
2	Procedures (number)	
30	Time (days)	
1,600.0 (87.4)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
58.3	◊ Fertilizer import requirements (0–100)	
50.0 (2.7)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
25.0 (1.4)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
41.5	MACHINERY	
31.3	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
80.0	◊ Tractor import requirements (0–100)	
0	Cost to register as an importer of tractors in US\$ (% income per capita)	
No data	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
31.2	FINANCE	
0	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
70.8	Δ Warehouse receipts (0–100)	
67.0	MARKETS	
71.4	Δ Production and sales (0–100)	
62.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
2	Time to prepare export documents (days)	
28.9 (1.6)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
0	Cost of licenses and membership in US\$ (% income per capita)	
75.0	TRANSPORT	
64.3	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
7.5	Time to obtain truck permit (days)	
94.3 (5.2)	Cost to obtain truck permit in US\$ (% income per capita)	
5	Validity of truck permit (years)	
12.1 (0.7)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
85.7	◊ Cross-border transportation (0–100)	

48.0

OPERATIONS (Δ)

58.6

QUALITY CONTROL (∂)

74.7

TRADE (◊)

43.8

SEED

42.2

FERTILIZER

24.4

MACHINERY

36.8

FINANCE

54.5

MARKETS

60.7

TRANSPORT

<p>43.8 37.5 No practice No practice No practice 50.0</p>	<p>SEED ———— </p> <p>Δ Seed registration (0–100) <i>Procedures (number)</i> <i>Time (days)</i> <i>Cost in US\$ (% income per capita)</i> Δ Seed development and certification (0–100)</p>
<p>42.2 0 N/A^a N/A^a N/A^a 66.7 60.0 N/A 39.9 (9.3)</p>	<p>FERTILIZER ———— </p> <p>Δ Fertilizer registration (0–100) <i>Procedures (number)</i> <i>Time (days)</i> <i>Cost in US\$ (% income per capita)</i> ∂ Fertilizer quality control (0–100) ◊ Fertilizer import requirements (0–100) <i>Cost to register as an importer of fertilizer in US\$ (% income per capita)</i> <i>Cost to obtain an import permit for fertilizer in US\$ (% income per capita)</i></p>
<p>24.4 0 6.7 66.7 N/A N/A</p>	<p>MACHINERY ———— </p> <p>Δ Tractor dealer requirements (0–100) ∂ Tractor standards and safety (0–100) ◊ Tractor import requirements (0–100) <i>Cost to register as an importer of tractors in US\$ (% income per capita)</i> <i>Cost to obtain an import permit for tractors in US\$ (% income per capita)</i></p>
<p>36.8 42.9 60.0 0 81.3 0</p>	<p>FINANCE ———— </p> <p>Δ Microfinance institutions (0–100) Δ Credit unions (0–100) Δ Agent banking (0–100) Δ Electronic money (0–100) Δ Warehouse receipts (0–100)</p>
<p>54.5 71.4 37.5 1 3 10 (2.3) 0 N/A</p>	<p>MARKETS ———— </p> <p>Δ Production and sales (0–100) ∂ Plant protection (0–100) <i>Export documents per shipment (number)</i> <i>Time to prepare export documents (days)</i> <i>Cost of export documents in US\$ (% income per capita)</i> <i>Trader licensing and membership requirements (number)</i> <i>Cost of licenses and membership in US\$ (% income per capita)</i></p>
<p>60.7 50.0 N/A N/A N/A 1 39.9 (9.3) 0.5 0.3 (0.1) 0.5 71.4</p>	<p>TRANSPORT ———— </p> <p>Δ Truck licenses (0–100) <i>Time to obtain company license (days)</i> <i>Cost to obtain company license in US\$ (% income per capita)</i> <i>Validity of company license (years)</i> <i>Time to obtain truck permit (days)</i> <i>Cost to obtain truck permit in US\$ (% income per capita)</i> <i>Validity of truck permit (years)</i> <i>Cost to obtain vehicle technical inspection in US\$ (% income per capita)</i> <i>Validity of vehicle inspection (years)</i> ◊ Cross-border transportation (0–100)</p>

33.7

OPERATIONS (Δ)

36.9

QUALITY CONTROL (∂)

66.0

TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. The private sector is not required to register fertilizer.

92.2
SEED

57.2
FERTILIZER

68.7
MACHINERY

72.6
FINANCE

52.7
MARKETS

65.5
TRANSPORT

92.2	SEED	
84.4	Δ Seed registration (0–100)	
6 ^a	Procedures (number)	
571 ^a	Time (days)	
0.0 ^a	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
57.2	FERTILIZER	
65.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
114	Time (days)	
108.9 (6.0) ^b	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
40.0	◊ Fertilizer import requirements (0–100)	
No data	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
No data	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
68.7	MACHINERY	
53.8	Δ Tractor dealer requirements (0–100)	
72.2	∂ Tractor standards and safety (0–100)	
80.0	◊ Tractor import requirements (0–100)	
1200 (34.9)	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A ^c	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
72.6	FINANCE	
85.7	Δ Microfinance institutions (0–100)	
100	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
89.6	Δ Electronic money (0–100)	
87.5	Δ Warehouse receipts (0–100)	
52.7	MARKETS	
67.9	Δ Production and sales (0–100)	
37.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
3	Time to prepare export documents (days)	
97.3 (2.8)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
113.5 (3.3)	Cost of licenses and membership in US\$ (% income per capita)	
65.5	TRANSPORT	
59.5	Δ Truck licenses (0–100)	
235	Time to obtain company license (days)	
136.1 (4)	Cost to obtain company license in US\$ (% income per capita)	
5 ^d	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
12.8 (0.4)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

68.5
OPERATIONS (Δ)

58.8
QUALITY CONTROL (∂)

63.8
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊.

a. Registration is not mandatory, therefore we do not account for non-mandatory costs. b. The cost of application for registration and field testing is \$108.9 but there is no data on the lab reports. c. 10–20% of import value. d. Licenses can be issued with varying validity from a minimum of 1 year up to a maximum of 5 years.

78.1
SEED94.4
FERTILIZER66.7
MACHINERYN/A^a
FINANCE90.2
MARKETS92.9
TRANSPORT

78.1	SEED	
56.3	Δ Seed registration (0–100)	
6	Procedures (number)	
699	Time (days)	
979.2 (7.1)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
94.4	FERTILIZER	
100	Δ Fertilizer registration (0–100)	
4	Procedures (number)	
60	Time (days)	
219.8 (1.6)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
83.3	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
66.7	MACHINERY	
66.7	Δ Tractor dealer requirements (0–100)	
66.7	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
N/A^a	FINANCE	
-	Δ Microfinance institutions (0–100)	
-	Δ Credit unions (0–100)	
-	Δ Agent banking (0–100)	
-	Δ Electronic money (0–100)	
-	Δ Warehouse receipts (0–100)	
90.2	MARKETS	
92.9	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
0	Export documents per shipment (number)	
0	Time to prepare export documents (days)	
0	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
92.9	TRANSPORT	
85.7	Δ Truck licenses (0–100)	
90	Time to obtain company license (days)	
249.5 (1.8)	Cost to obtain company license in US\$ (% income per capita)	
15	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
78 (0.6)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
100	◊ Cross-border transportation (0–100)	

84.7
OPERATIONS (Δ)84.7
QUALITY CONTROL (∂)83.3
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. High-income countries are not measured under the finance topic.

67.0
SEED

67.6
FERTILIZER

64.7
MACHINERY

N/A^b
FINANCE

80.4
MARKETS

65.7
TRANSPORT

67.0	SEED	
62.5	Δ Seed registration (0–100)	
5	Procedures (number)	
716	Time (days)	
0 ^a	Cost in US\$ (% income per capita)	
71.4	Δ Seed development and certification (0–100)	
67.6	FERTILIZER	
75.0	Δ Fertilizer registration (0–100)	
5	Procedures (number)	
424	Time (days)	
9,059.9 (68.6)	Cost in US\$ (% income per capita)	
61.1	∂ Fertilizer quality control (0–100)	
66.7	◇ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
64.7	MACHINERY	
56.3	Δ Tractor dealer requirements (0–100)	
77.8	∂ Tractor standards and safety (0–100)	
60.0	◇ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
168.3 (1.3)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
N/A^b	FINANCE	
-	Δ Microfinance institutions (0–100)	
-	Δ Credit unions (0–100)	
-	Δ Agent banking (0–100)	
-	Δ Electronic money (0–100)	
-	Δ Warehouse receipts (0–100)	
80.4	MARKETS	
85.7	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
4	Export documents per shipment (number)	
12	Time to prepare export documents (days)	
33.4 (0.3)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
65.7	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
34.6 (0.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◇ Cross-border transportation (0–100)	

68.8
OPERATIONS (Δ)

71.3
QUALITY CONTROL (∂)

66.0
TRADE (◇)

27.7
SEED

61.7
FERTILIZER

41.1
MACHINERY

59.1
FINANCE

56.3
MARKETS

71.4
TRANSPORT

27.7	SEED	
12.5	Δ Seed registration (0–100)	
No practice	Procedures (number)	
No practice	Time (days)	
No practice	Cost in US\$ (% income per capita)	
42.9	Δ Seed development and certification (0–100)	
61.7	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
5	Procedures (number)	
No data	Time (days)	
14.9 (2.3)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
73.3	◊ Fertilizer import requirements (0–100)	
29.8 (4.6)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
0	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
41.1	MACHINERY	
33.3	Δ Tractor dealer requirements (0–100)	
33.3	∂ Tractor standards and safety (0–100)	
56.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
0	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
59.1	FINANCE	
61.9	Δ Microfinance institutions (0–100)	
73.3	Δ Credit unions (0–100)	
87.1	Δ Agent banking (0–100)	
72.9	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
56.3	MARKETS	
100	Δ Production and sales (0–100)	
12.5	∂ Plant protection (0–100)	
1	Export documents per shipment (number)	
No data ^a	Time to prepare export documents (days)	
0.3 (0.0)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
1,602.3 (246.5)	Cost of licenses and membership in US\$ (% income per capita)	
71.4	TRANSPORT	
71.4	Δ Truck licenses (0–100)	
7	Time to obtain company license (days)	
158.5 (24.4)	Cost to obtain company license in US\$ (% income per capita)	
1	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
29.8 (4.6)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

56.1
OPERATIONS (Δ)

37.5
QUALITY CONTROL (∂)

67.1
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. The time to obtain document 1 (phytosanitary certificate) is 2 days. The time to obtain document 2 (quality certificate) could not be obtained.

81.3

SEED

86.1

FERTILIZER

69.6

MACHINERY

N/A^a

FINANCE

90.2

MARKETS

97.6

TRANSPORT

81.3	SEED	
62.5	Δ Seed registration (0–100)	
6	Procedures (number)	
598	Time (days)	
2,841 (9.6)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
86.1	FERTILIZER	
75.0	Δ Fertilizer registration (0–100)	
1	Procedures (number)	
90	Time (days)	
0	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
83.3	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
69.6	MACHINERY	
68.8	Δ Tractor dealer requirements (0–100)	
73.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
N/A^a	FINANCE	
-	Δ Microfinance institutions (0–100)	
-	Δ Credit unions (0–100)	
-	Δ Agent banking (0–100)	
-	Δ Electronic money (0–100)	
-	Δ Warehouse receipts (0–100)	
90.2	MARKETS	
92.9	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
0	Export documents per shipment (number)	
0	Time to prepare export documents (days)	
0	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
0	Cost of licenses and membership in US\$ (% income per capita)	
97.6	TRANSPORT	
95.2	Δ Truck licenses (0–100)	
3.5	Time to obtain company license (days)	
50.9 (0.2)	Cost to obtain company license in US\$ (% income per capita)	
Indefinite ^b	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
94.9 (0.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
100	◊ Cross-border transportation (0–100)	

82.6

OPERATIONS (Δ)

86.9

QUALITY CONTROL (∂)

83.3

TRADE (◊)

53.6
SEED72.2
FERTILIZER40.1
MACHINERY30.3
FINANCE41.1
MARKETS36.9
TRANSPORT

53.6	SEED	
50.0	Δ Seed registration (0–100)	
4	Procedures (number)	
298	Time (days)	
0	Cost in US\$ (% income per capita)	
57.1	Δ Seed development and certification (0–100)	
72.2	FERTILIZER	
80.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
187	Time (days)	
73.5 (2.2)	Cost in US\$ (% income per capita)	
83.3	∂ Fertilizer quality control (0–100)	
53.3	◊ Fertilizer import requirements (0–100)	
147.0 (4.3)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
0	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
40.1	MACHINERY	
18.8	Δ Tractor dealer requirements (0–100)	
26.7	∂ Tractor standards and safety (0–100)	
75.0	◊ Tractor import requirements (0–100)	
7.4 (0.2)	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
30.3	FINANCE	
0	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
91.7	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
41.1	MARKETS	
57.1	Δ Production and sales (0–100)	
25.0	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
4	Time to prepare export documents (days)	
273.2 (8)	Cost of export documents in US\$ (% income per capita)	
2	Trader licensing and membership requirements (number)	
222 (6.5)	Cost of licenses and membership in US\$ (% income per capita)	
36.9	TRANSPORT	
73.8	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
1.5	Time to obtain truck permit (days)	
101.1 (3.0)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
15.1 (0.4)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
0	◊ Cross-border transportation (0–100)	

52.3

OPERATIONS (Δ)

45.0

QUALITY CONTROL (∂)

42.8

TRADE (◊)

76.6
SEED

63.3
FERTILIZER

45.9
MACHINERY

27.1
FINANCE

61.6
MARKETS

65.7
TRANSPORT

76.6	SEED	
53.1	Δ Seed registration (0–100)	
5	Procedures (number)	
654	Time (days)	
12,554.3 (721.5)	Cost in US\$ (% income per capita)	
100	Δ Seed development and certification (0–100)	
63.3	FERTILIZER	
80.0	Δ Fertilizer registration (0–100)	
4	Procedures (number)	
29	Time (days)	
65.9 (3.8)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
43.3	◊ Fertilizer import requirements (0–100)	
82.4 (4.7)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
33.0 (1.9)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
45.9	MACHINERY	
50.0	Δ Tractor dealer requirements (0–100)	
44.4	∂ Tractor standards and safety (0–100)	
43.3	◊ Tractor import requirements (0–100)	
82.4 (4.7)	Cost to register as an importer of tractors in US\$ (% income per capita)	
33.0 (1.9)	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
27.1	FINANCE	
85.7	Δ Microfinance institutions (0–100)	
0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
50.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
61.6	MARKETS	
85.7	Δ Production and sales (0–100)	
37.5	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
No data ^a	Time to prepare export documents (days)	
41.9 (2.4)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
65.7	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
205.9 (11.8)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

63.2
OPERATIONS (Δ)

49.5
QUALITY CONTROL (∂)

52.7
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. The time to obtain document 1 (phytosanitary certificate) is 7 days. The time to obtain document 2 (fumigation certificate) could not be obtained.

56.7
SEED

40.6
FERTILIZER

47.8
MACHINERY

32.0
FINANCE

74.1
MARKETS

78.6
TRANSPORT

56.7 SEED

56.3	Δ Seed registration (0–100)
No data	Procedures (number)
No data	Time (days)
No data	Cost in US\$ (% income per capita)
57.1	Δ Seed development and certification (0–100)

40.6 FERTILIZER

55.0	Δ Fertilizer registration (0–100)
No data	Procedures (number)
No data	Time (days)
No data	Cost in US\$ (% income per capita)
0 ^a	∂ Fertilizer quality control (0–100)
66.7	◊ Fertilizer import requirements (0–100)
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)

47.8 MACHINERY

50.0	Δ Tractor dealer requirements (0–100)
26.7	∂ Tractor standards and safety (0–100)
66.7	◊ Tractor import requirements (0–100)
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)

32.0 FINANCE

95.2	Δ Microfinance institutions (0–100)
40.0	Δ Credit unions (0–100)
0	Δ Agent banking (0–100)
25.0	Δ Electronic money (0–100)
0	Δ Warehouse receipts (0–100)

74.1 MARKETS

85.7	Δ Production and sales (0–100)
62.5	∂ Plant protection (0–100)
2	Export documents per shipment (number)
6	Time to prepare export documents (days)
62.9 (5.9)	Cost of export documents in US\$ (% income per capita)
0	Trader licensing and membership requirements (number)
N/A	Cost of licenses and membership in US\$ (% income per capita)

78.6 TRANSPORT

85.7	Δ Truck licenses (0–100)
30	Time to obtain company license (days)
111.0 (10.5)	Cost to obtain company license in US\$ (% income per capita)
5.0 ^b	Validity of company license (years)
N/A	Time to obtain truck permit (days)
N/A	Cost to obtain truck permit in US\$ (% income per capita)
N/A	Validity of truck permit (years)
138.8 (13.1)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)
1	Validity of vehicle inspection (years)
71.4	◊ Cross-border transportation (0–100)

60.9
OPERATIONS (Δ)

29.7
QUALITY CONTROL (∂)

68.3
TRADE (◊)

71.9
SEED


75.0
FERTILIZER


51.4
MACHINERY


74.2
FINANCE


54.5
MARKETS


67.9
TRANSPORT

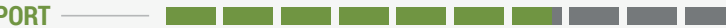
71.9 **SEED** 
 56.3 Δ Seed registration (0–100)
 6 Procedures (number)
 333 Time (days)
 652.1 (70.1) Cost in US\$ (% income per capita)
 87.5 Δ Seed development and certification (0–100)

75.0 **FERTILIZER** 
 60.0 Δ Fertilizer registration (0–100)
 5 Procedures (number)
 578.5 Time (days)
 9,899.5 (1,064.5) Cost in US\$ (% income per capita)
 100 ∂ Fertilizer quality control (0–100)
 65.0 \diamond Fertilizer import requirements (0–100)
 No data Cost to register as an importer of fertilizer in US\$ (% income per capita)
 No data Cost to obtain an import permit for fertilizer in US\$ (% income per capita)

51.4 **MACHINERY** 
 37.5 Δ Tractor dealer requirements (0–100)
 33.3 ∂ Tractor standards and safety (0–100)
 83.3 \diamond Tractor import requirements (0–100)
 N/A Cost to register as an importer of tractors in US\$ (% income per capita)
 N/A Cost to obtain an import permit for tractors in US\$ (% income per capita)

74.2 **FINANCE** 
 71.4 Δ Microfinance institutions (0–100)
 100 Δ Credit unions (0–100)
 87.1 Δ Agent banking (0–100)
 25.0 Δ Electronic money (0–100)
 87.5 Δ Warehouse receipts (0–100)

54.5 **MARKETS** 
 71.4 Δ Production and sales (0–100)
 37.5 ∂ Plant protection (0–100)
 4 Export documents per shipment (number)
 13 Time to prepare export documents (days)
 39 (4.2)^a Cost of export documents in US\$ (% income per capita)
 1 Trader licensing and membership requirements (number)
 No data Cost of licenses and membership in US\$ (% income per capita)

67.9 **TRANSPORT** 
 64.3 Δ Truck licenses (0–100)
 N/A Time to obtain company license (days)
 N/A Cost to obtain company license in US\$ (% income per capita)
 N/A Validity of company license (years)
 3 Time to obtain truck permit (days)
 47.4 (5.1) Cost to obtain truck permit in US\$ (% income per capita)
 1 Validity of truck permit (years)
 29.6 (3.2) Cost to obtain vehicle technical inspection in US\$ (% income per capita)
 1 Validity of vehicle inspection (years)
 71.4 \diamond Cross-border transportation (0–100)

63.2
OPERATIONS (Δ)

56.9
QUALITY CONTROL (∂)

73.3
TRADE (\diamond)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ . The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂ . The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a \diamond .
 a. The total cost excludes the cost of document 3 (radioactivity analysis certificate), which is approximately 0.3% of the FOB value of the goods exported.

76.6
SEED

66.7
FERTILIZER

54.3
MACHINERY

79.7
FINANCE

69.6
MARKETS

83.3
TRANSPORT

76.6	SEED	
78.1	Δ Seed registration (0–100)	
6	Procedures (number)	
646	Time (days)	
3,367.3 (31.0)	Cost in US\$ (% income per capita)	
75	Δ Seed development and certification (0–100)	
66.7	FERTILIZER	
70.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
50	Time (days)	
180.7 (1.7)	Cost in US\$ (% income per capita)	
50.0	∂ Fertilizer quality control (0–100)	
80.0	◊ Fertilizer import requirements (0–100)	
No data	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
No data	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
54.3	MACHINERY	
46.3	Δ Tractor dealer requirements (0–100)	
50.0	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
79.7	FINANCE	
N/A ^a	Δ Microfinance institutions (0–100)	
60.0	Δ Credit unions (0–100)	
N/A ^a	Δ Agent banking (0–100)	
79.2	Δ Electronic money (0–100)	
100	Δ Warehouse receipts (0–100)	
69.6	MARKETS	
64.3	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
3	Time to prepare export documents (days)	
19 (0.2)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
0	Cost of licenses and membership in US\$ (% income per capita)	
83.3	TRANSPORT	
81.0	Δ Truck licenses (0–100)	
4	Time to obtain company license (days)	
4280.5 (39.5)	Cost to obtain company license in US\$ (% income per capita)	
5	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
142.7 (1.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
85.7	◊ Cross-border transportation (0–100)	

69.6
OPERATIONS (Δ)

58.3
QUALITY CONTROL (∂)

77.5
TRADE (◊)

44.2
SEED

56.4
FERTILIZER

51.0
MACHINERY

46.3
FINANCE

58.9
MARKETS

75.0
TRANSPORT

44.2	SEED	
31.3	Δ Seed registration (0–100)	
5	Procedures (number)	
523	Time (days)	
0 ^a	Cost in US\$ (% income per capita)	
57.1	Δ Seed development and certification (0–100)	
56.4	FERTILIZER	
45.0	Δ Fertilizer registration (0–100)	
5	Procedures (number)	
691	Time (days)	
1,708.9 (258.9)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
57.5	◊ Fertilizer import requirements (0–100)	
379.8 (57.5)	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
0	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
51.0	MACHINERY	
56.3	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
83.3	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
46.3	FINANCE	
66.7	Δ Microfinance institutions (0–100)	
40.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
100	Δ Warehouse receipts (0–100)	
58.9	MARKETS	
92.9	Δ Production and sales (0–100)	
25.0	∂ Plant protection (0–100)	
4	Export documents per shipment (number)	
No data	Time to prepare export documents (days)	
No data	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
569.6 (86.3)	Cost of licenses and membership in US\$ (% income per capita)	
75	TRANSPORT	
78.6	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
1	Time to obtain truck permit (days)	
41.8 (6.3)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
76 (11.5)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

60.5
OPERATIONS (Δ)

35.0
QUALITY CONTROL (∂)

70.8
TRADE (◊)

The operations score is an average of seed, fertilizer, machinery, finance, markets and transport indicator scores indicated with a Δ. The quality control score is an average of seed, fertilizer, machinery and markets indicator scores indicated with a ∂. The trade score is an average of fertilizer, machinery and transport indicator scores indicated with a ◊. a. In practice, the National Agriculture Research Organization (NARD), which is in charge of registration, has not been charging fees for these procedures.

74.1
SEED

80.6
FERTILIZER

62.7
MACHINERY

41.6
FINANCE

86.6
MARKETS

65.7
TRANSPORT

74.1	SEED	
62.5	Δ Seed registration (0–100)	
6	Procedures (number)	
714	Time (days)	
1,136.4 (31.9)	Cost in US\$ (% income per capita)	
85.7	Δ Seed development and certification (0–100)	
80.6	FERTILIZER	
75.0	Δ Fertilizer registration (0–100)	
5	Procedures (number)	
325	Time (days)	
25,537.2 (717.3)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
66.7	◊ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
62.7	MACHINERY	
43.8	Δ Tractor dealer requirements (0–100)	
77.8	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
41.6	FINANCE	
0	Δ Microfinance institutions (0–100)	
40.0	Δ Credit unions (0–100)	
42.9	Δ Agent banking (0–100)	
25.0	Δ Electronic money (0–100)	
100	Δ Warehouse receipts (0–100)	
86.6	MARKETS	
85.7	Δ Production and sales (0–100)	
87.5	∂ Plant protection (0–100)	
3	Export documents per shipment (number)	
5	Time to prepare export documents (days)	
31.2 (0.9)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
65.7	TRANSPORT	
60.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
39.3 (1.1)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
71.4	◊ Cross-border transportation (0–100)	

63.4
OPERATIONS (Δ)

88.4
QUALITY CONTROL (∂)

68.3
TRADE (◊)

62.5

SEED

70.0

FERTILIZER

24.4

MACHINERY

45.3

FINANCE

80.4

MARKETS

54.8

TRANSPORT

62.5	SEED	
62.5	Δ Seed registration (0–100)	
6	Procedures (number)	
901	Time (days)	
8,050.8 (426.0)	Cost in US\$ (% income per capita)	
62.5	Δ Seed development and certification (0–100)	
70.0	FERTILIZER	
60.0	Δ Fertilizer registration (0–100)	
3	Procedures (number)	
15	Time (days)	
50.0 (2.6)	Cost in US\$ (% income per capita)	
100	∂ Fertilizer quality control (0–100)	
50.0	◇ Fertilizer import requirements (0–100)	
N/A	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
20.0 (1.1)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
24.4	MACHINERY	
0	Δ Tractor dealer requirements (0–100)	
6.7	∂ Tractor standards and safety (0–100)	
66.7	◇ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
45.3	FINANCE	
71.4	Δ Microfinance institutions (0–100)	
80.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
75.0	Δ Electronic money (0–100)	
0	Δ Warehouse receipts (0–100)	
80.4	MARKETS	
85.7	Δ Production and sales (0–100)	
75.0	∂ Plant protection (0–100)	
2	Export documents per shipment (number)	
3	Time to prepare export documents (days)	
38.5 (2.0)	Cost of export documents in US\$ (% income per capita)	
1	Trader licensing and membership requirements (number)	
0	Cost of licenses and membership in US\$ (% income per capita)	
54.8	TRANSPORT	
81.0	Δ Truck licenses (0–100)	
3	Time to obtain company license (days)	
9.2 (0.5)	Cost to obtain company license in US\$ (% income per capita)	
7	Validity of company license (years)	
N/A	Time to obtain truck permit (days)	
N/A	Cost to obtain truck permit in US\$ (% income per capita)	
N/A	Validity of truck permit (years)	
16.1 (0.9)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
0.5	Validity of vehicle inspection (years)	
28.6	◇ Cross-border transportation (0–100)	

55.7

OPERATIONS (Δ)

60.6

QUALITY CONTROL (∂)

48.4

TRADE (◇)

70.3
SEED

56.7
FERTILIZER

39.2
MACHINERY

51.3
FINANCE

61.6
MARKETS

67.9
TRANSPORT

70.3	SEED	
53.1	Δ Seed registration (0–100)	
5	Procedures (number)	
544	Time (days)	
1,045.0 (59.4)	Cost in US\$ (% income per capita)	
87.5	Δ Seed development and certification (0–100)	
56.7	FERTILIZER	
40.0	Δ Fertilizer registration (0–100)	
4	Procedures (number)	
211	Time (days)	
4,249.8 (241.5)	Cost in US\$ (% income per capita)	
66.7	∂ Fertilizer quality control (0–100)	
63.3	◊ Fertilizer import requirements (0–100)	
0	Cost to register as an importer of fertilizer in US\$ (% income per capita)	
183.0 (10.4)	Cost to obtain an import permit for fertilizer in US\$ (% income per capita)	
39.2	MACHINERY	
37.5	Δ Tractor dealer requirements (0–100)	
13.3	∂ Tractor standards and safety (0–100)	
66.7	◊ Tractor import requirements (0–100)	
N/A	Cost to register as an importer of tractors in US\$ (% income per capita)	
N/A	Cost to obtain an import permit for tractors in US\$ (% income per capita)	
51.3	FINANCE	
66.7	Δ Microfinance institutions (0–100)	
40.0	Δ Credit unions (0–100)	
0	Δ Agent banking (0–100)	
50.0	Δ Electronic money (0–100)	
100	Δ Warehouse receipts (0–100)	
61.6	MARKETS	
85.7	Δ Production and sales (0–100)	
37.5	∂ Plant protection (0–100)	
5	Export documents per shipment (number)	
11	Time to prepare export documents (days)	
190.6 (10.8)	Cost of export documents in US\$ (% income per capita)	
0	Trader licensing and membership requirements (number)	
N/A	Cost of licenses and membership in US\$ (% income per capita)	
67.9	TRANSPORT	
50.0	Δ Truck licenses (0–100)	
N/A	Time to obtain company license (days)	
N/A	Cost to obtain company license in US\$ (% income per capita)	
N/A	Validity of company license (years)	
90	Time to obtain truck permit (days)	
17.6 (1.0)	Cost to obtain truck permit in US\$ (% income per capita)	
1	Validity of truck permit (years)	
5.2 (0.3)	Cost to obtain vehicle technical inspection in US\$ (% income per capita)	
1	Validity of vehicle inspection (years)	
85.7	◊ Cross-border transportation (0–100)	

55.8
OPERATIONS (Δ)

39.2
QUALITY CONTROL (∂)

71.9
TRADE (◊)