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TECHNICAL REPORT EXPERIMENT  
STATION TR-2022-03

## 2022 International Crops Preliminary Baseline Summary Tables



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UNIVERSITY OF NEVADA, RENO

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**2022 Preliminary Baseline  
International Crops Summary Tables**

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## Real GDP

|                      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)     |      |      |      |      |      |      |      |      |      |      |      |
| <b>World</b>         | 4.3  | 3.2  | 2.6  | 2.8  | 3.0  | 3.0  | 2.8  | 3.4  | 3.3  | 2.6  | -3.2 |
| <b>Argentina</b>     | 10.1 | 6.0  | -1.0 | 2.4  | -2.5 | 2.7  | -2.1 | 2.8  | -2.6 | -2.0 | -9.9 |
| <b>Australia</b>     | 2.4  | 2.8  | 3.8  | 2.2  | 2.6  | 2.3  | 2.7  | 2.4  | 2.8  | 2.0  | -2.1 |
| <b>Brazil</b>        | 7.6  | 4.1  | 1.6  | 3.2  | 0.5  | -3.5 | -3.5 | 1.6  | 1.7  | 1.2  | -4.2 |
| <b>Canada</b>        | 3.1  | 3.1  | 1.8  | 2.3  | 2.9  | 0.7  | 1.0  | 3.0  | 2.8  | 1.9  | -5.2 |
| <b>China</b>         | 10.6 | 9.6  | 7.8  | 7.8  | 7.4  | 7.0  | 6.9  | 6.9  | 6.7  | 6.0  | 2.2  |
| <b>EU27</b>          | 2.2  | 1.8  | -0.3 | 0.3  | 1.9  | 2.2  | 2.0  | 2.9  | 2.0  | 1.8  | -6.8 |
| <b>India</b>         | 8.6  | 5.4  | 5.5  | 6.4  | 7.3  | 7.9  | 8.2  | 6.7  | 6.3  | 3.9  | -6.7 |
| <b>Indonesia</b>     | 6.4  | 6.2  | 6.0  | 5.6  | 5.0  | 4.9  | 5.0  | 5.1  | 5.2  | 5.0  | -2.1 |
| <b>Malaysia</b>      | 7.6  | 5.3  | 5.5  | 4.7  | 6.0  | 5.2  | 4.4  | 5.8  | 4.8  | 4.4  | -5.7 |
| <b>Mexico</b>        | 5.1  | 3.7  | 3.4  | 1.6  | 2.9  | 3.3  | 2.4  | 2.3  | 2.2  | -0.2 | -8.2 |
| <b>Russia</b>        | 4.5  | 2.4  | 4.0  | 1.8  | 0.7  | -2.0 | 0.2  | 1.8  | 2.8  | 2.2  | -2.7 |
| <b>Ukraine</b>       | 0.3  | 5.5  | 0.2  | 0.0  | -6.6 | -9.8 | 2.2  | 2.4  | 3.5  | 3.2  | -3.8 |
| <b>United States</b> | 2.7  | 1.5  | 2.3  | 1.8  | 2.3  | 2.7  | 1.7  | 2.2  | 2.9  | 2.3  | -2.8 |
| <b>Rest of world</b> |      |      |      |      |      |      |      |      |      |      |      |
| Wheat                | 4.4  | 2.9  | 2.9  | 3.2  | 2.6  | 2.5  | 2.8  | 3.0  | 2.6  | 1.8  | -3.1 |
| Corn                 | 4.4  | 2.9  | 2.9  | 3.2  | 2.6  | 2.5  | 2.8  | 3.0  | 2.6  | 1.8  | -3.1 |
| Barley               | 4.9  | 3.1  | 2.7  | 3.1  | 2.3  | 2.0  | 2.1  | 2.8  | 2.4  | 1.6  | -3.6 |
| Sorghum              | 4.3  | 2.9  | 2.9  | 3.1  | 2.4  | 2.0  | 2.5  | 2.9  | 2.6  | 1.8  | -3.2 |
| Soybeans             | 4.3  | 2.9  | 3.0  | 3.1  | 2.4  | 2.1  | 2.6  | 2.9  | 2.6  | 1.8  | -3.0 |
| Rapeseed             | 4.7  | 3.1  | 2.8  | 3.0  | 2.2  | 1.7  | 2.0  | 2.8  | 2.4  | 1.6  | -3.5 |
| Sunflowerseed        | 4.5  | 3.0  | 2.8  | 3.1  | 2.4  | 1.9  | 2.2  | 2.8  | 2.6  | 1.7  | -3.5 |
| Palm oil             | 4.6  | 3.0  | 2.6  | 2.9  | 2.1  | 1.5  | 1.8  | 2.7  | 2.3  | 1.5  | -3.6 |
| Cotton               | 4.4  | 2.9  | 2.9  | 3.0  | 2.5  | 2.1  | 2.5  | 2.9  | 2.6  | 1.7  | -3.4 |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## Real GDP

|                      | 2021 | 2022  | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 |
|----------------------|------|-------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)     |      |       |      |      |      |      |      |      |      |      |      |      |
| <b>World</b>         | 5.9  | 2.8   | 1.4  | 2.8  | 3.0  | 2.9  | 2.8  | 2.8  | 2.7  | 2.7  | 2.6  | 2.6  |
| <b>Argentina</b>     | 10.4 | 3.1   | 0.5  | 0.7  | 4.0  | 2.3  | 2.6  | 2.9  | 2.9  | 3.0  | 2.8  | 2.6  |
| <b>Australia</b>     | 4.9  | 3.8   | 2.0  | 2.7  | 3.0  | 3.0  | 2.9  | 2.8  | 2.6  | 2.5  | 2.4  | 2.3  |
| <b>Brazil</b>        | 4.9  | 2.8   | 1.3  | 2.5  | 3.0  | 3.4  | 3.5  | 3.5  | 3.4  | 3.4  | 3.3  | 3.3  |
| <b>Canada</b>        | 4.5  | 3.1   | 0.0  | 1.1  | 2.0  | 2.1  | 1.9  | 1.8  | 1.8  | 1.7  | 1.7  | 1.7  |
| <b>China</b>         | 8.1  | 3.0   | 4.4  | 5.5  | 5.0  | 4.9  | 4.7  | 4.6  | 4.4  | 4.3  | 4.0  | 4.1  |
| <b>EU27</b>          | 5.7  | 3.4   | -0.6 | 1.5  | 1.9  | 1.6  | 1.6  | 1.5  | 1.4  | 1.4  | 1.4  | 1.4  |
| <b>India</b>         | 8.8  | 7.1   | 5.3  | 5.9  | 5.7  | 6.4  | 6.5  | 6.1  | 6.0  | 5.8  | 5.7  | 5.5  |
| <b>Indonesia</b>     | 3.7  | 5.4   | 4.5  | 4.9  | 5.1  | 5.1  | 5.0  | 5.0  | 4.9  | 4.8  | 4.7  | 4.6  |
| <b>Malaysia</b>      | 3.2  | 8.6   | 3.0  | 4.4  | 4.6  | 4.4  | 4.4  | 4.4  | 4.4  | 4.3  | 4.1  | 3.9  |
| <b>Mexico</b>        | 5.0  | 2.1   | 0.7  | 2.2  | 2.1  | 2.0  | 2.1  | 2.3  | 2.4  | 2.3  | 2.3  | 2.4  |
| <b>Russia</b>        | 4.7  | -6.3  | -3.1 | 2.5  | 2.5  | 1.9  | 1.7  | 1.6  | 1.8  | 1.9  | 1.9  | 1.8  |
| <b>Ukraine</b>       | 3.4  | -39.5 | 12.0 | 19.9 | 14.7 | 12.2 | 14.3 | 10.0 | 7.2  | 6.3  | 4.2  | 3.1  |
| <b>United States</b> | 5.9  | 1.7   | -0.5 | 1.3  | 2.0  | 2.0  | 1.7  | 1.8  | 1.7  | 1.8  | 1.8  | 1.8  |
| <b>Rest of world</b> |      |       |      |      |      |      |      |      |      |      |      |      |
| Wheat                | 4.4  | 3.5   | 2.4  | 3.0  | 3.0  | 2.9  | 2.8  | 2.7  | 2.6  | 2.6  | 2.6  | 2.6  |
| Corn                 | 4.4  | 3.5   | 2.4  | 3.0  | 3.0  | 2.9  | 2.8  | 2.7  | 2.6  | 2.6  | 2.6  | 2.6  |
| Barley               | 4.6  | 3.3   | 2.2  | 2.9  | 3.0  | 2.8  | 2.8  | 2.7  | 2.7  | 2.7  | 2.6  | 2.6  |
| Sorghum              | 4.5  | 2.7   | 2.0  | 2.9  | 3.0  | 2.8  | 2.7  | 2.6  | 2.6  | 2.5  | 2.5  | 2.5  |
| Soybeans             | 4.5  | 2.7   | 2.1  | 3.0  | 3.0  | 2.9  | 2.8  | 2.6  | 2.6  | 2.6  | 2.5  | 2.5  |
| Rapeseed             | 4.7  | 2.7   | 2.0  | 2.9  | 3.0  | 2.8  | 2.8  | 2.7  | 2.7  | 2.6  | 2.6  | 2.5  |
| Sunflowerseed        | 4.5  | 3.4   | 2.1  | 2.8  | 2.9  | 2.8  | 2.8  | 2.7  | 2.6  | 2.6  | 2.6  | 2.5  |
| Palm oil             | 4.7  | 2.5   | 1.8  | 2.7  | 2.9  | 2.7  | 2.7  | 2.5  | 2.5  | 2.5  | 2.4  | 2.4  |
| Cotton               | 4.5  | 2.6   | 1.9  | 2.9  | 2.9  | 2.8  | 2.7  | 2.6  | 2.5  | 2.5  | 2.5  | 2.5  |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## GDP Deflator

|                      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)     |      |      |      |      |      |      |      |      |      |      |      |
| <b>Argentina</b>     | 20.9 | 23.7 | 22.3 | 23.9 | 40.3 | 26.6 | 41.1 | 26.0 | 42.0 | 49.2 | 40.1 |
| <b>Australia</b>     | 5.3  | 4.7  | -0.5 | 1.3  | 0.3  | -0.7 | 1.0  | 3.6  | 2.2  | 3.2  | 0.8  |
| <b>Brazil</b>        | 8.4  | 8.2  | 8.3  | 7.3  | 7.8  | 7.6  | 8.4  | 3.4  | 4.6  | 4.2  | 5.5  |
| <b>Canada</b>        | 2.8  | 3.2  | 1.2  | 1.7  | 1.9  | -0.9 | 0.8  | 2.6  | 1.6  | 1.5  | 0.7  |
| <b>China</b>         | 6.9  | 8.1  | 2.3  | 2.2  | 1.1  | 0.0  | 1.4  | 4.3  | 3.5  | 1.3  | 0.5  |
| <b>EU27</b>          | 0.9  | 1.3  | 1.4  | 1.4  | 1.1  | 1.3  | 1.1  | 1.1  | 1.7  | 1.9  | 2.0  |
| <b>India</b>         | 10.7 | 8.8  | 8.0  | 6.3  | 3.4  | 2.3  | 3.3  | 4.1  | 3.9  | 2.2  | 5.5  |
| <b>Indonesia</b>     | 7.3  | 7.5  | 3.8  | 5.0  | 5.4  | 4.0  | 2.4  | 4.3  | 3.8  | 1.6  | -0.4 |
| <b>Malaysia</b>      | 7.1  | 5.4  | 1.0  | 0.2  | 2.5  | 1.1  | 1.7  | 3.8  | 0.6  | 0.1  | -0.6 |
| <b>Mexico</b>        | 4.6  | 5.8  | 4.2  | 1.4  | 4.4  | 2.8  | 5.7  | 6.6  | 4.9  | 4.1  | 4.3  |
| <b>Russia</b>        | 14.2 | 16.3 | 8.9  | 5.3  | 7.5  | 7.2  | 2.8  | 5.3  | 10.0 | 3.3  | 0.7  |
| <b>Ukraine</b>       | 13.7 | 14.2 | 7.8  | 4.3  | 15.9 | 38.9 | 17.3 | 22.1 | 15.4 | 8.2  | 10.3 |
| <b>United States</b> | 1.2  | 2.1  | 1.9  | 1.8  | 1.9  | 1.0  | 1.0  | 1.9  | 2.4  | 1.8  | 1.3  |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## Exchange Rate

|                               | 2010  | 2011  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017  | 2018 | 2019 | 2020 |
|-------------------------------|-------|-------|------|------|------|------|------|-------|------|------|------|
| (Percent change)              |       |       |      |      |      |      |      |       |      |      |      |
| <b>Argentina</b>              | 5.0   | 5.5   | 10.4 | 20.3 | 47.9 | 14.3 | 59.8 | 12.2  | 69.6 | 71.8 | 46.4 |
| <b>Australia</b>              | -15.0 | -11.1 | -0.4 | 7.3  | 7.1  | 20.0 | 1.1  | -3.0  | 2.6  | 7.5  | 1.0  |
| <b>Brazil</b>                 | -12.0 | -4.9  | 16.8 | 10.4 | 9.1  | 41.4 | 4.9  | -8.6  | 14.5 | 8.0  | 30.7 |
| <b>Canada</b>                 | -9.8  | -4.0  | 1.0  | 3.1  | 7.2  | 15.8 | 3.7  | -2.1  | -0.1 | 2.4  | 1.1  |
| <b>China</b>                  | -0.9  | -4.5  | -2.4 | -2.5 | 0.2  | 2.0  | 5.7  | 1.7   | -2.1 | 4.4  | -0.1 |
| <b>EU27</b>                   | 4.9   | -4.8  | 8.2  | -3.2 | 0.1  | 19.6 | 0.3  | -1.9  | -4.5 | 5.4  | -1.8 |
| <b>India</b>                  | -5.5  | 2.1   | 14.5 | 9.7  | 4.1  | 5.1  | 4.7  | -3.1  | 5.0  | 3.0  | 5.2  |
| <b>Indonesia</b>              | -12.5 | -3.5  | 7.0  | 11.4 | 13.4 | 12.8 | -0.6 | 0.5   | 6.4  | -0.6 | 3.1  |
| <b>Malaysia</b>               | -8.6  | -5.0  | 0.9  | 2.0  | 3.9  | 19.3 | 6.2  | 3.7   | -6.2 | 2.7  | 1.5  |
| <b>Mexico</b>                 | -6.5  | -1.6  | 5.8  | -3.0 | 4.2  | 19.3 | 17.8 | 1.2   | 1.7  | 0.1  | 11.6 |
| <b>Russia</b>                 | -4.4  | -3.2  | 5.7  | 2.5  | 20.8 | 58.9 | 9.7  | -13.0 | 7.6  | 3.2  | 11.6 |
| <b>Ukraine</b>                | 1.9   | 0.4   | 0.3  | 0.0  | 48.7 | 83.8 | 17.0 | 4.1   | 2.3  | -5.0 | 4.3  |
| <b>United States, trd wtd</b> | -1.1  | -3.1  | 3.7  | 2.5  | 3.1  | 10.6 | 5.0  | 1.5   | 1.7  | 0.2  | -1.1 |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## GDP Deflator

|                      | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)     |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Argentina</b>     | 54.2 | 72.3 | 70.2 | 27.0 | 25.6 | 10.6 | 4.4  | 4.7  | 5.5  | 5.7  | 5.9  | 5.5  |
| <b>Australia</b>     | 5.4  | 7.6  | -0.6 | 2.5  | 2.4  | 2.0  | 2.0  | 2.3  | 2.3  | 2.3  | 2.4  | 2.4  |
| <b>Brazil</b>        | 10.7 | 7.2  | 3.8  | 4.5  | 4.3  | 4.0  | 4.1  | 3.9  | 3.9  | 3.8  | 3.7  | 3.6  |
| <b>Canada</b>        | 8.1  | 7.7  | 0.5  | 0.7  | 2.3  | 1.5  | 1.0  | 1.4  | 1.6  | 1.5  | 1.5  | 1.5  |
| <b>China</b>         | 4.4  | 1.7  | 0.6  | 1.9  | 2.0  | 1.9  | 1.7  | 1.9  | 2.1  | 2.2  | 2.2  | 2.2  |
| <b>EU27</b>          | 2.4  | 5.6  | 5.4  | 2.5  | 2.0  | 2.1  | 2.0  | 1.9  | 1.9  | 1.9  | 1.8  | 1.8  |
| <b>India</b>         | 9.9  | 11.2 | 8.6  | 4.1  | 6.2  | 5.8  | 4.9  | 4.8  | 4.5  | 4.5  | 4.4  | 4.3  |
| <b>Indonesia</b>     | 6.0  | 7.2  | 1.2  | 4.1  | 5.2  | 4.7  | 4.8  | 4.9  | 4.7  | 4.9  | 4.8  | 4.8  |
| <b>Malaysia</b>      | 5.6  | 6.2  | -1.8 | 2.1  | 3.1  | 2.7  | 2.7  | 2.6  | 2.7  | 2.7  | 2.7  | 2.6  |
| <b>Mexico</b>        | 7.0  | 8.5  | 6.2  | 4.6  | 3.4  | 2.8  | 3.3  | 3.3  | 3.2  | 3.0  | 3.3  | 3.3  |
| <b>Russia</b>        | 16.5 | 17.2 | -3.7 | 0.0  | 1.4  | 3.2  | 4.1  | 4.5  | 4.0  | 3.6  | 3.4  | 3.4  |
| <b>Ukraine</b>       | 25.1 | 27.8 | 21.5 | -3.8 | 0.7  | 1.0  | -1.5 | 2.8  | 4.4  | 4.5  | 6.6  | 7.0  |
| <b>United States</b> | 4.5  | 7.2  | 4.5  | 2.3  | 2.1  | 2.2  | 2.2  | 2.2  | 2.2  | 2.3  | 2.3  | 2.3  |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## Exchange Rate

|                               | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)              |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Argentina</b>              | 34.6 | 39.9 | 63.6 | 27.8 | 25.2 | 8.3  | 2.2  | 2.8  | 3.2  | 3.6  | 3.8  | 3.5  |
| <b>Australia</b>              | -8.4 | 8.5  | 8.7  | -1.2 | -2.5 | -1.8 | 0.0  | -0.3 | -1.2 | -0.5 | -0.2 | -0.2 |
| <b>Brazil</b>                 | 4.7  | -4.8 | -3.1 | 0.1  | 0.8  | 0.8  | 0.9  | 0.9  | 0.9  | 0.8  | 0.7  | 0.7  |
| <b>Canada</b>                 | -6.5 | 3.9  | 5.4  | -3.7 | -5.6 | -1.1 | -0.3 | 0.0  | -0.1 | 0.1  | -0.2 | -0.2 |
| <b>China</b>                  | -6.6 | 4.6  | 4.0  | -6.9 | -1.5 | -1.4 | -0.1 | 0.7  | 1.0  | 1.2  | 0.8  | 0.4  |
| <b>EU27</b>                   | -3.7 | 13.9 | 7.9  | -8.0 | -4.8 | -2.5 | -1.5 | -1.2 | -1.1 | -0.8 | -0.5 | -0.2 |
| <b>India</b>                  | -0.2 | 6.6  | 5.7  | -0.9 | 1.4  | 1.3  | 1.0  | 1.0  | 1.0  | 1.0  | 1.1  | 1.3  |
| <b>Indonesia</b>              | -2.0 | 3.5  | 7.0  | -0.4 | -2.8 | -0.8 | -1.1 | -1.7 | -1.1 | 0.1  | 0.3  | 0.4  |
| <b>Malaysia</b>               | -1.4 | 5.6  | -2.4 | -2.4 | -0.2 | -0.2 | -0.3 | -0.1 | -0.2 | -0.1 | -0.2 | -0.2 |
| <b>Mexico</b>                 | -5.7 | -0.2 | 2.5  | 2.4  | 2.0  | 2.3  | 1.5  | 0.9  | 1.0  | 1.0  | 0.9  | 0.9  |
| <b>Russia</b>                 | 2.0  | -6.8 | -3.8 | 11.8 | 7.3  | 2.5  | 2.4  | 2.3  | 2.1  | 1.9  | 1.8  | 1.7  |
| <b>Ukraine</b>                | 1.2  | 18.3 | 9.5  | -3.0 | -6.5 | -5.1 | -4.4 | -5.9 | -4.5 | -5.5 | -2.5 | -4.8 |
| <b>United States, trd wtd</b> | -0.9 | -0.6 | -0.3 | -0.2 | 0.0  | 0.1  | 0.1  | 0.3  | 0.3  | 0.3  | 0.0  | 0.0  |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## Population

|                      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)     |      |      |      |      |      |      |      |      |      |      |      |
| <b>World</b>         | 1.3  | 1.1  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.1  | 1.1  | 1.1  | 1.0  |
| <b>Argentina</b>     | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 1.0  | 0.9  | 0.8  | 0.7  | 0.6  |
| <b>Australia</b>     | 1.7  | 1.5  | 1.7  | 1.7  | 1.5  | 1.5  | 1.6  | 1.6  | 1.6  | 1.5  | 1.2  |
| <b>Brazil</b>        | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.7  |
| <b>Canada</b>        | 1.1  | 1.0  | 1.1  | 1.1  | 1.0  | 0.8  | 1.0  | 1.2  | 1.4  | 1.5  | 1.2  |
| <b>China</b>         | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.6  | 0.6  | 0.6  | 0.5  | 0.3  | 0.2  |
| <b>EU27</b>          | 0.3  | 0.3  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.1  |
| <b>India</b>         | 1.4  | 1.4  | 1.3  | 1.3  | 1.2  | 1.2  | 1.2  | 1.2  | 1.1  | 1.0  | 1.0  |
| <b>Indonesia</b>     | 1.3  | 1.3  | 1.3  | 1.2  | 1.2  | 1.1  | 1.1  | 1.0  | 1.0  | 0.9  | 0.8  |
| <b>Malaysia</b>      | 1.8  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  | 1.4  | 1.3  | 1.2  | 1.2  |
| <b>Mexico</b>        | 1.3  | 1.4  | 1.4  | 1.3  | 1.2  | 1.2  | 1.1  | 1.1  | 1.0  | 0.9  | 0.7  |
| <b>Russia</b>        | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.3  | 0.3  | 0.2  | 0.1  | 0.1  | -0.1 |
| <b>Ukraine</b>       | -0.4 | -0.4 | -0.2 | -0.2 | -0.4 | -0.4 | -0.3 | -0.4 | -0.5 | -0.5 | -0.7 |
| <b>United States</b> | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  | 0.7  | 0.6  | 0.5  | 0.3  |
| <b>Rest of world</b> |      |      |      |      |      |      |      |      |      |      |      |
| Wheat                | 1.8  | 1.5  | 1.8  | 1.8  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.6  | 1.6  |
| Corn                 | 1.8  | 1.5  | 1.8  | 1.8  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.6  | 1.6  |
| Barley               | 1.7  | 1.4  | 1.7  | 1.7  | 1.7  | 1.7  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  |
| Sorghum              | 1.7  | 1.4  | 1.7  | 1.7  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  |
| Soybeans             | 1.7  | 1.4  | 1.7  | 1.7  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  |
| Rapeseed             | 1.6  | 1.3  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  | 1.5  | 1.5  | 1.4  |
| Sunflowerseed        | 1.7  | 1.4  | 1.7  | 1.7  | 1.7  | 1.7  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  |
| Palm oil             | 1.6  | 1.3  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  | 1.5  | 1.4  |
| Cotton               | 1.7  | 1.4  | 1.7  | 1.6  | 1.6  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  | 1.5  |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## Population

|                      | 2021 | 2022  | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 |
|----------------------|------|-------|------|------|------|------|------|------|------|------|------|------|
| (Percent change)     |      |       |      |      |      |      |      |      |      |      |      |      |
| <b>World</b>         | 0.9  | 0.8   | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.8  | 0.8  | 0.8  | 0.8  | 0.8  |
| <b>Argentina</b>     | 0.5  | 0.5   | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  | 0.5  | 0.5  | 0.5  |
| <b>Australia</b>     | 1.0  | 1.0   | 1.0  | 1.0  | 1.0  | 0.9  | 0.9  | 0.9  | 0.9  | 0.9  | 0.8  | 0.8  |
| <b>Brazil</b>        | 0.5  | 0.5   | 0.5  | 0.6  | 0.5  | 0.5  | 0.5  | 0.5  | 0.4  | 0.4  | 0.4  | 0.4  |
| <b>Canada</b>        | 0.6  | 1.5   | 1.8  | 1.4  | 1.2  | 1.1  | 1.1  | 1.1  | 1.0  | 1.0  | 1.0  | 0.9  |
| <b>China</b>         | 0.1  | 0.0   | 0.0  | 0.0  | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 | -0.2 |
| <b>EU27</b>          | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 |
| <b>India</b>         | 0.8  | 0.7   | 0.8  | 0.9  | 0.9  | 0.9  | 0.8  | 0.8  | 0.8  | 0.8  | 0.7  | 0.7  |
| <b>Indonesia</b>     | 0.7  | 0.6   | 0.7  | 0.8  | 0.8  | 0.8  | 0.7  | 0.7  | 0.7  | 0.7  | 0.6  | 0.6  |
| <b>Malaysia</b>      | 1.1  | 1.1   | 1.1  | 1.1  | 1.0  | 1.0  | 1.0  | 0.9  | 0.9  | 0.9  | 0.8  | 0.8  |
| <b>Mexico</b>        | 0.6  | 0.6   | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.6  | 0.6  | 0.6  | 0.6  | 0.6  |
| <b>Russia</b>        | -0.4 | -0.3  | -0.2 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 |
| <b>Ukraine</b>       | -0.9 | -12.1 | 7.7  | 0.6  | -0.7 | -0.7 | -0.7 | -0.7 | -0.7 | -0.7 | -0.7 | -0.7 |
| <b>United States</b> | 0.1  | 0.3   | 0.4  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  | 0.5  |
| <b>Rest of world</b> |      |       |      |      |      |      |      |      |      |      |      |      |
| Wheat                | 1.6  | 1.5   | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  |
| Corn                 | 1.6  | 1.5   | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  |
| Barley               | 1.5  | 1.4   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  |
| Sorghum              | 1.5  | 1.3   | 1.5  | 1.4  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  |
| Soybeans             | 1.5  | 1.3   | 1.5  | 1.4  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  |
| Rapeseed             | 1.4  | 1.2   | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.2  | 1.2  | 1.2  |
| Sunflowerseed        | 1.5  | 1.4   | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  |
| Palm oil             | 1.4  | 1.2   | 1.5  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.2  |
| Cotton               | 1.4  | 1.3   | 1.5  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  |

Sources: International Financial Statistics through 2021, IHS Markit projections after 2021

## Agricultural Commodity Prices

|                                | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Dollars per metric ton)       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Wheat</b>                   |       |       |       |       |       |       |       |       |       |       |       |
| SRW, U.S. Gulf                 | 282   | 261   | 309   | 268   | 223   | 196   | 170   | 186   | 209   | 221   | 247   |
| HRW, U.S. Gulf*                | 284   | 290   | 332   | 309   | 252   | 187   | 157   | 188   | 212   | 205   | 245   |
| Standard grade, Rouen          | 322   | 276   | 329   | 273   | 216   | 180   | 185   | 196   | 227   | 205   | 257   |
| No. 2, Argentina               | 302   | 271   | 330   | 327   | 270   | 209   | 191   | 198   | 235   | 231   | 260   |
| Soft white, Australia          | 273   | 249   | 324   | 281   | 253   | 218   | 195   | 227   | 278   | 247   | 250   |
| No. 1 CWS, Canada              | 394   | 416   | 359   | 331   | 285   | 232   | 217   | 262   | 253   | 240   | 272   |
| <b>Corn</b>                    |       |       |       |       |       |       |       |       |       |       |       |
| No. 2 yellow, U.S. Gulf        | 277   | 284   | 298   | 203   | 171   | 165   | 155   | 160   | 169   | 158   | 239   |
| <b>Sorghum</b>                 |       |       |       |       |       |       |       |       |       |       |       |
| No. 2 yellow, U.S. Gulf*       | 263   | 272   | 279   | 210   | 201   | 178   | 163   | 174   | 181   | 206   | 281   |
| <b>Barley</b>                  |       |       |       |       |       |       |       |       |       |       |       |
| Barley Unit Value, Alberta     | 160   | 193   | 250   | 168   | 158   | 179   | 148   | 161   | 172   | 161   | 191   |
| Feed barley, Rouen             | 266   | 270   | 297   | 243   | 205   | 174   | 159   | 193   | 219   | 184   | 222   |
| <b>Soybeans</b>                |       |       |       |       |       |       |       |       |       |       |       |
| No. 1 yellow, Central Illinois | 482   | 505   | 537   | 487   | 356   | 346   | 351   | 337   | 307   | 325   | 495   |
| fob Rio Grande, Brazil         | 508   | 549   | 538   | 514   | 388   | 382   | 385   | 396   | 360   | 367   | 531   |
| fob Buenos Aires, Argentina    | 511   | 533   | 543   | 517   | 401   | 375   | 376   | 386   | 347   | 354   | 525   |
| cif Rotterdam                  | 549   | 562   | 592   | 542   | 407   | 396   | 404   | 403   | 370   | 380   | 563   |
| <b>Soybean Meal</b>            |       |       |       |       |       |       |       |       |       |       |       |
| Decatur, IL, 48%               | 381   | 434   | 516   | 540   | 406   | 358   | 349   | 380   | 340   | 330   | 432   |
| fob Rio Grande, Brazil         | 383   | 442   | 489   | 500   | 376   | 335   | 322   | 368   | 325   | 328   | 447   |
| fob Buenos Aires, Argentina    | 386   | 442   | 506   | 509   | 386   | 349   | 326   | 375   | 321   | 331   | 439   |
| cif Rotterdam                  | 418   | 461   | 538   | 533   | 403   | 351   | 336   | 382   | 329   | 338   | 463   |
| <b>Soybean Oil</b>             |       |       |       |       |       |       |       |       |       |       |       |
| Decatur, IL                    | 1,173 | 1,144 | 1,039 | 843   | 697   | 658   | 718   | 662   | 606   | 654   | 1,261 |
| fob Rio Grande, Brazil         | 1,210 | 1,162 | 1,012 | 871   | 706   | 704   | 765   | 722   | 651   | 705   | 1,163 |
| fob Buenos Aires, Argentina    | 1,211 | 1,164 | 1,014 | 870   | 705   | 698   | 763   | 722   | 649   | 698   | 1,147 |
| Dutch fob                      | 1,306 | 1,241 | 1,098 | 950   | 778   | 774   | 848   | 822   | 745   | 785   | 1,266 |
| <b>Rapeseed (canola)</b>       |       |       |       |       |       |       |       |       |       |       |       |
| cif Hamburg                    | 647   | 616   | 579   | 505   | 417   | 409   | 432   | 425   | 420   | 433   | 594   |
| Export, West Coast, Canada     | 424   | 561   | 578   | 616   | 452   | 411   | 410   | 426   | 430   | 407   | 396   |
| <b>Rapeseed Meal</b>           |       |       |       |       |       |       |       |       |       |       |       |
| fob Hamburg                    | 278   | 295   | 353   | 323   | 269   | 232   | 225   | 259   | 247   | 244   | 319   |
| <b>Rapeseed Oil</b>            |       |       |       |       |       |       |       |       |       |       |       |
| cif Rotterdam                  | 1,367 | 1,258 | 1,127 | 954   | 782   | 798   | 871   | 844   | 840   | 879   | 1,306 |
| <b>Sunflowerseed</b>           |       |       |       |       |       |       |       |       |       |       |       |
| cif Rotterdam                  | 661   | 593   | 580   | 466   | 432   | 440   | 408   | 403   | 380   | 420   | 685   |
| <b>Sunflowerseed Meal</b>      |       |       |       |       |       |       |       |       |       |       |       |
| cif Rotterdam                  | 254   | 263   | 318   | 315   | 269   | 233   | 178   | 224   | 219   | 217   | 312   |
| <b>Sunflowerseed Oil</b>       |       |       |       |       |       |       |       |       |       |       |       |
| fob NW Europe                  | 1,404 | 1,254 | 1,189 | 929   | 850   | 849   | 807   | 776   | 719   | 795   | 1,350 |
| <b>Palm Oil</b>                |       |       |       |       |       |       |       |       |       |       |       |
| Malaysia                       | 1,154 | 1,032 | 791   | 803   | 626   | 628   | 699   | 626   | 521   | 645   | 1,021 |
| <b>Cotton</b>                  |       |       |       |       |       |       |       |       |       |       |       |
| A Index Far East               | 3622  | 2200  | 1941  | 1996  | 1561  | 1555  | 1825  | 1938  | 1863  | 1573  | 1873  |

\* FAPRI price estimates in lieu of missing source data: sorghum, #2 yellow U.S. Gulf 17/18, 18/19, 19/20; wheat, HRW U.S. Gulf 20/21

## Agricultural Commodity Prices

|                                | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Dollars per metric ton)       |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Wheat</b>                   |       |       |       |       |       |       |       |       |       |       |       |       |
| SRW, U.S. Gulf                 | 334   | 377   | 316   | 275   | 265   | 260   | 259   | 256   | 254   | 250   | 246   | 242   |
| HRW, U.S. Gulf*                | 339   | 386   | 323   | 281   | 270   | 265   | 264   | 262   | 259   | 255   | 251   | 247   |
| Standard grade, Rouen          | 346   | 345   | 309   | 294   | 280   | 274   | 272   | 269   | 265   | 261   | 256   | 251   |
| No. 2, Argentina               | 332   | 432   | 339   | 293   | 293   | 293   | 293   | 293   | 293   | 293   | 293   | 293   |
| Soft white, Australia          | 329   | 396   | 356   | 311   | 295   | 290   | 287   | 282   | 277   | 273   | 268   | 265   |
| No. 1 CWS, Canada              | 406   | 393   | 332   | 289   | 283   | 282   | 285   | 288   | 290   | 291   | 292   | 292   |
| <b>Corn</b>                    |       |       |       |       |       |       |       |       |       |       |       |       |
| No. 2 yellow, U.S. Gulf        | 300   | 318   | 244   | 226   | 225   | 223   | 220   | 217   | 213   | 209   | 205   | 200   |
| <b>Sorghum</b>                 |       |       |       |       |       |       |       |       |       |       |       |       |
| No. 2 yellow, U.S. Gulf*       | 343   | 361   | 290   | 277   | 277   | 275   | 273   | 271   | 269   | 265   | 261   | 257   |
| <b>Barley</b>                  |       |       |       |       |       |       |       |       |       |       |       |       |
| Barley Unit Value, Alberta     | 273   | 258   | 232   | 202   | 193   | 194   | 192   | 189   | 187   | 184   | 181   | 177   |
| Feed barley, Rouen             | 327   | 305   | 275   | 241   | 231   | 232   | 230   | 227   | 225   | 221   | 217   | 213   |
| <b>Soybeans</b>                |       |       |       |       |       |       |       |       |       |       |       |       |
| No. 1 yellow, Central Illinois | 551   | 514   | 454   | 451   | 435   | 427   | 423   | 419   | 413   | 406   | 397   | 390   |
| fob Rio Grande, Brazil         | 602   | 557   | 492   | 489   | 472   | 463   | 459   | 455   | 448   | 440   | 432   | 423   |
| fob Buenos Aires, Argentina    | 609   | 562   | 497   | 494   | 477   | 468   | 464   | 459   | 453   | 445   | 436   | 428   |
| cif Rotterdam                  | 640   | 598   | 529   | 526   | 509   | 500   | 495   | 491   | 484   | 476   | 467   | 459   |
| <b>Soybean Meal</b>            |       |       |       |       |       |       |       |       |       |       |       |       |
| Decatur, IL, 48%               | 484   | 426   | 360   | 356   | 343   | 337   | 336   | 334   | 329   | 323   | 316   | 306   |
| fob Rio Grande, Brazil         | 476   | 441   | 377   | 373   | 361   | 354   | 354   | 351   | 346   | 341   | 334   | 324   |
| fob Buenos Aires, Argentina    | 470   | 421   | 353   | 349   | 335   | 329   | 328   | 325   | 320   | 314   | 307   | 296   |
| cif Rotterdam                  | 520   | 496   | 414   | 410   | 396   | 389   | 389   | 386   | 380   | 375   | 367   | 356   |
| <b>Soybean Oil</b>             |       |       |       |       |       |       |       |       |       |       |       |       |
| Decatur, IL                    | 1,609 | 1,517 | 1,397 | 1,374 | 1,350 | 1,328 | 1,306 | 1,296 | 1,286 | 1,273 | 1,259 | 1,261 |
| fob Rio Grande, Brazil         | 1,497 | 1,470 | 1,348 | 1,325 | 1,300 | 1,278 | 1,255 | 1,245 | 1,236 | 1,222 | 1,208 | 1,210 |
| fob Buenos Aires, Argentina    | 1,495 | 1,531 | 1,405 | 1,381 | 1,355 | 1,332 | 1,309 | 1,298 | 1,288 | 1,274 | 1,259 | 1,261 |
| Dutch fob                      | 1,667 | 1,706 | 1,569 | 1,542 | 1,514 | 1,489 | 1,464 | 1,453 | 1,441 | 1,427 | 1,410 | 1,412 |
| <b>Rapeseed (canola)</b>       |       |       |       |       |       |       |       |       |       |       |       |       |
| cif Hamburg                    | 822   | 658   | 579   | 620   | 608   | 599   | 600   | 603   | 600   | 600   | 596   | 593   |
| Export, West Coast, Canada     | 734   | 573   | 450   | 483   | 471   | 463   | 464   | 466   | 464   | 464   | 461   | 458   |
| <b>Rapeseed Meal</b>           |       |       |       |       |       |       |       |       |       |       |       |       |
| fob Hamburg, \$/mt             | 406   | 349   | 269   | 290   | 281   | 276   | 277   | 276   | 270   | 265   | 258   | 249   |
| <b>Rapeseed Oil</b>            |       |       |       |       |       |       |       |       |       |       |       |       |
| cif Rotterdam                  | 1,849 | 1,530 | 1,440 | 1,478 | 1,458 | 1,436 | 1,422 | 1,418 | 1,411 | 1,409 | 1,401 | 1,395 |
| <b>Sunflowerseed</b>           |       |       |       |       |       |       |       |       |       |       |       |       |
| cif Rotterdam                  | 763   | 714   | 640   | 656   | 624   | 615   | 603   | 602   | 600   | 595   | 592   | 592   |
| <b>Sunflowerseed Meal</b>      |       |       |       |       |       |       |       |       |       |       |       |       |
| cif Rotterdam                  | 321   | 240   | 205   | 208   | 196   | 191   | 186   | 183   | 179   | 176   | 172   | 168   |
| <b>Sunflowerseed Oil</b>       |       |       |       |       |       |       |       |       |       |       |       |       |
| fob NW Europe                  | 1,676 | 1,597 | 1,439 | 1,423 | 1,355 | 1,316 | 1,285 | 1,278 | 1,277 | 1,276 | 1,278 | 1,292 |
| <b>Palm Oil</b>                |       |       |       |       |       |       |       |       |       |       |       |       |
| Malaysia                       | 1,367 | 1,088 | 1,091 | 1,061 | 1,034 | 1,011 | 1,021 | 1,046 | 1,061 | 1,068 | 1,077 | 1,098 |
| <b>Cotton</b>                  |       |       |       |       |       |       |       |       |       |       |       |       |
| A Index Far East               | 2920  | 2492  | 2054  | 1950  | 2004  | 2088  | 2120  | 2124  | 2118  | 2108  | 2098  | 2089  |

\* FAPRI price estimates in lieu of missing source data: sorghum, #2 yellow U.S. Gulf 17/18, 18/19, 19/20; wheat, HRW U.S. Gulf 20/21

## Global Area Harvested

|                            | 10/11        | 11/12        | 12/13        | 13/14        | 14/15        | 15/16        | 16/17        | 17/18        | 18/19        | 19/20        | 20/21        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (Million hectares)         |              |              |              |              |              |              |              |              |              |              |              |
| <b>Grains</b>              |              |              |              |              |              |              |              |              |              |              |              |
| Wheat                      | 217.1        | 221.2        | 216.2        | 220.0        | 221.3        | 224.0        | 222.3        | 218.1        | 215.4        | 215.5        | 220.5        |
| Corn                       | 166.5        | 175.9        | 183.7        | 188.1        | 188.8        | 188.0        | 196.9        | 193.3        | 192.7        | 194.4        | 199.0        |
| Sorghum                    | 41.0         | 41.3         | 38.9         | 42.6         | 44.0         | 40.4         | 43.1         | 40.3         | 41.1         | 39.7         | 42.8         |
| Barley                     | 47.0         | 49.1         | 50.2         | 50.6         | 50.6         | 50.7         | 49.5         | 47.6         | 48.9         | 52.6         | 52.5         |
| Total grains modeled       | 471.5        | 487.5        | 489.0        | 501.3        | 504.6        | 503.1        | 511.7        | 499.3        | 498.0        | 502.2        | 514.8        |
| <b>Oilseeds</b>            |              |              |              |              |              |              |              |              |              |              |              |
| Soybeans                   | 103.7        | 103.2        | 110.4        | 113.0        | 119.1        | 120.7        | 120.1        | 125.0        | 125.5        | 123.2        | 129.0        |
| Rapeseed                   | 33.6         | 33.3         | 35.8         | 35.7         | 35.0         | 33.3         | 33.4         | 35.9         | 35.9         | 34.7         | 34.9         |
| Sunflowerseed              | 23.1         | 24.6         | 23.6         | 24.0         | 23.1         | 23.5         | 26.0         | 26.0         | 25.8         | 26.0         | 26.9         |
| Total oilseeds modeled     | 160.4        | 161.2        | 169.8        | 172.8        | 177.3        | 177.5        | 179.6        | 186.8        | 187.1        | 183.9        | 190.7        |
| Cotton                     | 33.8         | 36.1         | 34.3         | 32.8         | 33.8         | 30.7         | 29.9         | 33.7         | 33.2         | 34.5         | 31.4         |
| <b>Total crops modeled</b> | <b>665.6</b> | <b>684.7</b> | <b>693.1</b> | <b>706.8</b> | <b>715.7</b> | <b>711.3</b> | <b>721.2</b> | <b>719.8</b> | <b>718.4</b> | <b>720.5</b> | <b>736.9</b> |

## Global Trade

|                       | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Grains</b>         |       |       |       |       |       |       |       |       |       |       |       |
| Wheat                 | 200.9 | 238.2 | 202.6 | 271.1 | 292.4 | 272.1 | 314.4 | 304.7 | 318.6 | 332.6 | 366.5 |
| Corn                  | 103.1 | 116.5 | 106.3 | 132.4 | 131.3 | 135.8 | 143.4 | 145.2 | 137.2 | 157.8 | 167.6 |
| Sorghum               | 78.2  | 100.9 | 76.6  | 113.2 | 123.7 | 100.3 | 141.0 | 131.3 | 160.3 | 147.9 | 159.7 |
| Barley                | 6.4   | 6.1   | 4.9   | 7.1   | 11.6  | 10.1  | 6.9   | 5.9   | 2.9   | 6.1   | 11.1  |
| Barley                | 13.2  | 14.7  | 14.8  | 18.4  | 25.8  | 25.9  | 23.2  | 22.3  | 18.1  | 20.9  | 28.1  |
| <b>Oilseeds</b>       |       |       |       |       |       |       |       |       |       |       |       |
| Soybeans              | 90.0  | 92.4  | 94.8  | 109.3 | 123.0 | 130.1 | 142.4 | 146.5 | 138.7 | 157.3 | 158.0 |
| Rapeseed              | 82.4  | 82.9  | 87.5  | 99.8  | 113.6 | 119.4 | 130.7 | 135.3 | 128.9 | 145.7 | 146.3 |
| Sunflowerseed         | 7.0   | 8.6   | 7.0   | 9.1   | 9.1   | 10.2  | 10.9  | 10.7  | 9.1   | 9.9   | 10.5  |
| Sunflowerseed         | 0.6   | 0.8   | 0.4   | 0.4   | 0.3   | 0.6   | 0.8   | 0.5   | 0.8   | 1.7   | 1.2   |
| <b>Protein meals</b>  |       |       |       |       |       |       |       |       |       |       |       |
| Soybean meal          | 63.7  | 65.9  | 62.3  | 64.9  | 67.4  | 68.6  | 70.5  | 69.3  | 72.2  | 72.5  | 73.0  |
| Rapeseed meal         | 55.0  | 55.1  | 53.1  | 54.3  | 57.5  | 58.4  | 58.3  | 57.6  | 59.5  | 58.7  | 59.3  |
| Sunflowerseed meal    | 4.5   | 4.5   | 4.5   | 4.9   | 4.6   | 4.4   | 5.3   | 5.6   | 5.4   | 6.0   | 6.6   |
| Sunflowerseed meal    | 4.2   | 6.4   | 4.8   | 5.7   | 5.3   | 5.7   | 6.9   | 6.2   | 7.3   | 7.8   | 7.1   |
| <b>Vegetable oils</b> |       |       |       |       |       |       |       |       |       |       |       |
| Soybean oil           | 44.7  | 48.6  | 52.2  | 54.2  | 59.2  | 57.3  | 63.6  | 61.9  | 66.1  | 65.7  | 63.4  |
| Rapeseed oil          | 7.2   | 6.7   | 7.1   | 6.7   | 8.2   | 8.8   | 8.4   | 7.5   | 7.7   | 8.2   | 8.4   |
| Sunflowerseed oil     | 1.9   | 2.2   | 2.7   | 2.5   | 2.8   | 2.9   | 3.1   | 3.1   | 3.3   | 3.8   | 4.2   |
| Palm oil              | 3.7   | 5.5   | 4.6   | 6.3   | 5.8   | 6.6   | 8.8   | 8.4   | 9.6   | 11.1  | 9.3   |
| Cotton                | 32.0  | 34.2  | 37.9  | 38.7  | 42.4  | 39.0  | 43.3  | 42.9  | 45.5  | 42.7  | 41.5  |

Figures are the sums of net exports by exporting countries.

## Global Area Harvested

|                            | 21/22        | 22/23        | 23/24        | 24/25        | 25/26        | 26/27        | 27/28        | 28/29        | 29/30        | 30/31        | 31/32        | 32/33        |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (Million hectares)         |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Grains</b>              |              |              |              |              |              |              |              |              |              |              |              |              |
| Wheat                      | 222.1        | 220.4        | 223.1        | 223.6        | 222.4        | 222.1        | 221.8        | 221.8        | 221.9        | 221.9        | 222.0        | 222.0        |
| Corn                       | 207.3        | 202.6        | 207.1        | 205.6        | 204.5        | 204.9        | 205.3        | 205.8        | 206.1        | 206.5        | 206.8        | 207.0        |
| Sorghum                    | 41.5         | 41.3         | 42.1         | 42.2         | 42.3         | 42.6         | 42.9         | 43.2         | 43.5         | 43.7         | 43.9         | 44.1         |
| Barley                     | 48.6         | 47.3         | 47.7         | 48.8         | 48.8         | 48.8         | 48.8         | 48.8         | 48.6         | 48.4         | 48.2         | 48.0         |
| Total grains modeled       | 519.5        | 511.5        | 520.0        | 520.2        | 518.1        | 518.4        | 518.9        | 519.5        | 520.0        | 520.5        | 520.9        | 521.1        |
| <b>Oilseeds</b>            |              |              |              |              |              |              |              |              |              |              |              |              |
| Soybeans                   | 130.9        | 135.0        | 135.2        | 135.9        | 137.1        | 137.4        | 137.8        | 138.4        | 139.1        | 139.7        | 140.3        | 140.8        |
| Rapeseed                   | 37.8         | 40.1         | 39.5         | 38.9         | 39.2         | 39.3         | 39.4         | 39.5         | 39.6         | 39.8         | 40.0         | 40.1         |
| Sunflowerseed              | 28.8         | 27.1         | 27.0         | 27.1         | 27.6         | 27.8         | 28.0         | 28.0         | 28.0         | 27.9         | 27.9         | 27.8         |
| Total oilseeds modeled     | 197.6        | 202.3        | 201.8        | 201.9        | 203.9        | 204.5        | 205.2        | 205.9        | 206.7        | 207.4        | 208.1        | 208.7        |
| <b>Cotton</b>              | 32.3         | 32.4         | 33.0         | 32.8         | 32.5         | 32.6         | 32.7         | 32.8         | 32.9         | 33.0         | 33.0         | 33.0         |
| <b>Total crops modeled</b> | <b>749.3</b> | <b>746.2</b> | <b>754.8</b> | <b>754.9</b> | <b>754.5</b> | <b>755.4</b> | <b>756.7</b> | <b>758.3</b> | <b>759.6</b> | <b>760.9</b> | <b>762.1</b> | <b>762.9</b> |

## Global Trade

|                       | 21/22        | 22/23        | 23/24        | 24/25        | 25/26        | 26/27        | 27/28        | 28/29        | 29/30        | 30/31        | 31/32        | 32/33        |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (Million metric tons) |              |              |              |              |              |              |              |              |              |              |              |              |
| <b>Grains</b>         |              |              |              |              |              |              |              |              |              |              |              |              |
| Wheat                 | 164.0        | 167.0        | 169.5        | 173.1        | 173.9        | 176.4        | 179.7        | 183.1        | 186.6        | 190.0        | 193.5        | 196.9        |
| Corn                  | 175.4        | 162.3        | 176.6        | 186.4        | 192.6        | 197.7        | 201.9        | 205.9        | 209.4        | 213.0        | 216.7        | 220.1        |
| Sorghum               | 11.7         | 9.4          | 10.6         | 11.2         | 11.4         | 11.5         | 11.6         | 11.7         | 11.8         | 11.9         | 12.0         | 12.1         |
| Barley                | 25.3         | 23.2         | 23.2         | 23.7         | 23.7         | 23.6         | 23.6         | 23.7         | 23.8         | 23.9         | 24.0         | 24.1         |
| <b>Oilseeds</b>       | <b>147.2</b> | <b>161.4</b> | <b>164.1</b> | <b>169.1</b> | <b>173.0</b> | <b>176.3</b> | <b>179.5</b> | <b>182.5</b> | <b>185.3</b> | <b>188.1</b> | <b>190.8</b> | <b>193.5</b> |
| Soybeans              | 139.9        | 150.6        | 153.0        | 157.5        | 160.8        | 163.6        | 166.4        | 169.2        | 171.9        | 174.5        | 177.0        | 179.7        |
| Rapeseed              | 5.2          | 7.8          | 8.1          | 8.2          | 8.6          | 8.9          | 9.0          | 9.1          | 9.2          | 9.2          | 9.2          | 9.2          |
| Sunflowerseed         | 2.2          | 3.0          | 3.0          | 3.4          | 3.6          | 3.8          | 4.0          | 4.2          | 4.3          | 4.4          | 4.5          | 4.6          |
| <b>Protein meals</b>  | <b>70.8</b>  | <b>73.1</b>  | <b>74.9</b>  | <b>76.5</b>  | <b>78.3</b>  | <b>79.7</b>  | <b>81.2</b>  | <b>82.6</b>  | <b>84.0</b>  | <b>85.3</b>  | <b>86.7</b>  | <b>88.0</b>  |
| Soybean meal          | 58.8         | 61.1         | 62.1         | 63.4         | 64.8         | 65.9         | 67.1         | 68.2         | 69.4         | 70.6         | 71.8         | 73.0         |
| Rapeseed meal         | 5.8          | 6.2          | 6.9          | 7.1          | 7.1          | 7.1          | 7.2          | 7.3          | 7.4          | 7.5          | 7.6          | 7.7          |
| Sunflowerseed meal    | 6.3          | 5.8          | 5.8          | 6.1          | 6.4          | 6.7          | 6.9          | 7.1          | 7.2          | 7.2          | 7.3          | 7.3          |
| <b>Vegetable oils</b> | <b>56.7</b>  | <b>65.1</b>  | <b>66.2</b>  | <b>67.9</b>  | <b>69.4</b>  | <b>71.0</b>  | <b>72.2</b>  | <b>73.0</b>  | <b>73.8</b>  | <b>74.6</b>  | <b>75.4</b>  | <b>76.1</b>  |
| Soybean oil           | 8.4          | 8.5          | 8.3          | 8.2          | 8.3          | 8.4          | 8.5          | 8.7          | 8.8          | 8.8          | 9.0          | 9.0          |
| Rapeseed oil          | 3.0          | 4.7          | 4.9          | 5.2          | 5.3          | 5.6          | 5.7          | 5.8          | 5.9          | 5.9          | 5.9          | 6.1          |
| Sunflowerseed oil     | 8.5          | 8.2          | 8.7          | 8.9          | 9.4          | 9.7          | 10.1         | 10.3         | 10.5         | 10.7         | 10.8         | 10.9         |
| Palm oil              | 36.7         | 43.7         | 44.3         | 45.6         | 46.5         | 47.4         | 47.8         | 48.2         | 48.6         | 49.2         | 49.7         | 50.1         |
| <b>Cotton</b>         | 30.4         | 30.6         | 32.2         | 32.9         | 33.6         | 34.6         | 35.5         | 36.3         | 37.1         | 37.7         | 38.4         | 39.0         |

Figures are the sums of net exports by exporting countries.

## Global Stocks-To-Use

|  | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>World</b><br>(Percent)                  |       |       |       |       |       |       |       |       |       |       |       |
| <b>Grains</b>                              |       |       |       |       |       |       |       |       |       |       |       |
| Wheat                                      | 30.7  | 29.0  | 26.4  | 29.1  | 32.1  | 34.7  | 36.3  | 38.6  | 38.6  | 40.3  | 37.5  |
| Corn                                       | 13.3  | 13.9  | 16.4  | 22.6  | 28.7  | 31.1  | 33.0  | 31.2  | 28.5  | 27.1  | 25.5  |
| Sorghum                                    | 9.1   | 7.4   | 7.5   | 9.4   | 8.6   | 8.0   | 8.8   | 8.0   | 9.4   | 6.6   | 6.5   |
| Barley                                     | 17.8  | 16.2  | 16.2  | 17.3  | 16.6  | 17.7  | 16.0  | 14.6  | 14.4  | 13.9  | 12.9  |
| <b>Oilseeds</b>                            |       |       |       |       |       |       |       |       |       |       |       |
| Soybeans                                   | 29.0  | 22.3  | 22.1  | 23.1  | 26.1  | 25.0  | 28.7  | 29.4  | 33.1  | 26.4  | 27.5  |
| Rapeseed                                   | 14.5  | 10.8  | 8.5   | 11.3  | 10.4  | 9.0   | 7.4   | 11.2  | 13.8  | 10.6  | 8.5   |
| Sunflowerseed                              | 6.9   | 6.6   | 8.0   | 8.1   | 7.5   | 6.9   | 7.4   | 6.0   | 5.3   | 5.7   | 5.3   |
| <b>Protein meals</b>                       |       |       |       |       |       |       |       |       |       |       |       |
| Soybean meal                               | 5.5   | 6.0   | 5.6   | 6.0   | 7.2   | 6.7   | 6.7   | 7.1   | 7.0   | 6.4   | 5.8   |
| Rapeseed meal                              | 3.2   | 3.2   | 2.7   | 2.4   | 2.6   | 2.9   | 3.7   | 3.9   | 3.2   | 3.7   | 3.1   |
| Sunflowerseed meal                         | 8.4   | 11.6  | 5.3   | 8.8   | 9.5   | 8.8   | 7.6   | 9.3   | 9.6   | 9.7   | 5.4   |
| <b>Vegetable oils</b>                      |       |       |       |       |       |       |       |       |       |       |       |
| Soybean oil                                | 11.0  | 10.1  | 10.0  | 8.7   | 9.5   | 7.7   | 7.7   | 7.9   | 8.5   | 9.4   | 9.0   |
| Rapeseed oil                               | 9.8   | 13.9  | 20.8  | 24.4  | 24.7  | 20.1  | 14.5  | 11.6  | 10.5  | 10.0  | 11.9  |
| Sunflowerseed oil                          | 16.6  | 24.2  | 17.1  | 20.6  | 17.8  | 13.5  | 15.9  | 15.0  | 12.9  | 14.6  | 10.2  |
| Palm oil                                   | 18.0  | 18.9  | 17.0  | 16.7  | 18.8  | 14.7  | 16.7  | 19.3  | 20.6  | 21.9  | 20.2  |
| <b>Cotton</b>                              | 42.9  | 70.1  | 83.6  | 92.2  | 96.2  | 80.9  | 70.3  | 67.0  | 68.9  | 94.5  | 70.5  |
| <b>World, excluding China</b><br>(Percent) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Grains</b>                              |       |       |       |       |       |       |       |       |       |       |       |
| Wheat                                      | 26.1  | 25.5  | 22.6  | 23.5  | 25.3  | 25.5  | 24.9  | 25.2  | 23.8  | 24.1  | 23.5  |
| Corn                                       | 10.7  | 9.9   | 9.5   | 12.3  | 13.9  | 12.9  | 15.9  | 14.3  | 13.1  | 12.5  | 10.1  |
| Sorghum                                    | 9.2   | 7.6   | 7.6   | 10.2  | 10.4  | 9.3   | 9.7   | 8.8   | 10.0  | 7.4   | 7.5   |
| Barley                                     | 18.3  | 16.4  | 16.5  | 17.9  | 17.8  | 18.6  | 16.9  | 15.5  | 14.9  | 14.4  | 13.1  |
| <b>Oilseeds</b>                            |       |       |       |       |       |       |       |       |       |       |       |
| Soybeans                                   | 31.5  | 22.4  | 24.6  | 25.4  | 28.8  | 28.3  | 32.9  | 33.2  | 39.5  | 28.1  | 27.4  |
| Rapeseed                                   | 14.9  | 11.6  | 8.9   | 13.0  | 11.9  | 10.0  | 7.6   | 12.4  | 15.9  | 11.4  | 8.1   |
| Sunflowerseed                              | 6.7   | 6.1   | 8.2   | 8.4   | 7.6   | 6.6   | 6.8   | 5.5   | 4.8   | 4.8   | 4.2   |
| <b>Protein meals</b>                       |       |       |       |       |       |       |       |       |       |       |       |
| Soybean meal                               | 7.4   | 8.2   | 7.7   | 8.3   | 10.0  | 9.5   | 9.7   | 10.3  | 9.8   | 9.2   | 8.3   |
| Rapeseed meal                              | 4.4   | 4.4   | 3.8   | 3.4   | 3.6   | 4.1   | 5.1   | 5.5   | 4.5   | 5.1   | 4.3   |
| Sunflowerseed meal                         | 8.8   | 12.0  | 5.6   | 9.2   | 10.0  | 9.3   | 8.0   | 9.9   | 10.6  | 11.1  | 6.3   |
| <b>Vegetable oils</b>                      |       |       |       |       |       |       |       |       |       |       |       |
| Soybean oil                                | 13.9  | 11.8  | 10.4  | 9.0   | 10.9  | 9.1   | 9.3   | 9.8   | 10.6  | 11.5  | 10.3  |
| Rapeseed oil                               | 5.8   | 7.1   | 6.2   | 8.0   | 10.1  | 9.6   | 8.2   | 8.0   | 8.0   | 7.9   | 8.4   |
| Sunflowerseed oil                          | 17.1  | 25.1  | 18.3  | 22.2  | 19.2  | 14.9  | 17.3  | 16.3  | 14.1  | 16.5  | 11.5  |
| Palm oil                                   | 20.1  | 20.9  | 18.3  | 17.9  | 20.2  | 15.7  | 17.5  | 20.1  | 22.2  | 22.6  | 20.6  |
| <b>Cotton</b>                              | 56.0  | 63.3  | 55.5  | 51.1  | 53.5  | 45.1  | 46.2  | 54.3  | 58.1  | 88.6  | 59.6  |

## Global Stocks-To-Use

|  | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>World</b><br>(Percent)                  |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Grains</b>                              |       |       |       |       |       |       |       |       |       |       |       |       |
| Wheat                                      | 35.0  | 34.2  | 35.6  | 36.8  | 37.4  | 37.8  | 37.9  | 38.0  | 38.1  | 38.1  | 38.2  | 38.3  |
| Corn                                       | 26.0  | 25.7  | 26.6  | 26.7  | 26.4  | 26.2  | 26.1  | 26.1  | 26.2  | 26.4  | 26.8  | 27.2  |
| Sorghum                                    | 7.1   | 6.1   | 6.5   | 6.7   | 6.8   | 6.9   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   |
| Barley                                     | 12.4  | 12.0  | 12.7  | 13.4  | 13.6  | 13.7  | 13.8  | 13.9  | 14.1  | 14.2  | 14.3  | 14.5  |
| <b>Oilseeds</b>                            |       |       |       |       |       |       |       |       |       |       |       |       |
| Soybeans                                   | 26.1  | 26.9  | 27.9  | 28.5  | 29.3  | 29.8  | 30.1  | 30.5  | 30.9  | 31.4  | 31.8  | 32.2  |
| Rapeseed                                   | 5.8   | 8.6   | 8.9   | 8.8   | 8.8   | 8.9   | 9.0   | 9.1   | 9.3   | 9.4   | 9.6   | 9.8   |
| Sunflowerseed                              | 15.6  | 12.7  | 10.4  | 9.3   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.5   | 9.5   |
| <b>Protein meals</b>                       |       |       |       |       |       |       |       |       |       |       |       |       |
| Soybean meal                               | 5.6   | 5.7   | 5.8   | 5.8   | 5.9   | 6.0   | 6.0   | 6.1   | 6.1   | 6.1   | 6.1   | 6.2   |
| Rapeseed meal                              | 3.3   | 3.9   | 4.0   | 4.1   | 4.2   | 4.2   | 4.2   | 4.2   | 4.2   | 4.3   | 4.3   | 4.3   |
| Sunflowerseed meal                         | 4.7   | 7.0   | 7.7   | 7.9   | 8.2   | 8.4   | 8.5   | 8.7   | 8.8   | 8.9   | 9.0   | 9.1   |
| <b>Vegetable oils</b>                      |       |       |       |       |       |       |       |       |       |       |       |       |
| Soybean oil                                | 7.5   | 8.1   | 7.9   | 7.8   | 7.8   | 7.8   | 7.9   | 8.0   | 8.0   | 8.0   | 8.0   | 8.0   |
| Rapeseed oil                               | 10.0  | 11.0  | 11.5  | 11.6  | 11.5  | 11.4  | 11.4  | 11.4  | 11.5  | 11.5  | 11.5  | 11.5  |
| Sunflowerseed oil                          | 13.0  | 12.8  | 12.3  | 12.0  | 11.9  | 11.8  | 11.7  | 11.7  | 11.7  | 11.6  | 11.6  | 11.5  |
| Palm oil                                   | 22.8  | 22.1  | 21.7  | 21.7  | 21.9  | 22.1  | 22.3  | 22.3  | 22.3  | 22.3  | 22.4  | 22.3  |
| <b>Cotton</b>                              | 73.0  | 75.8  | 77.8  | 76.6  | 74.3  | 72.4  | 71.2  | 70.4  | 69.8  | 69.3  | 68.9  | 68.5  |
| <b>World, excluding China</b><br>(Percent) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Grains</b>                              |       |       |       |       |       |       |       |       |       |       |       |       |
| Wheat                                      | 21.0  | 19.3  | 20.6  | 21.7  | 22.4  | 22.9  | 23.2  | 23.6  | 23.9  | 24.2  | 24.5  | 24.9  |
| Corn                                       | 11.0  | 10.8  | 12.8  | 13.3  | 13.4  | 13.6  | 13.8  | 14.0  | 14.2  | 14.5  | 14.8  | 15.1  |
| Sorghum                                    | 8.7   | 7.0   | 7.4   | 7.7   | 7.8   | 7.9   | 8.0   | 8.1   | 8.2   | 8.3   | 8.4   | 8.5   |
| Barley                                     | 13.3  | 12.9  | 13.5  | 14.2  | 14.4  | 14.5  | 14.6  | 14.7  | 14.8  | 15.0  | 15.1  | 15.2  |
| <b>Oilseeds</b>                            |       |       |       |       |       |       |       |       |       |       |       |       |
| Soybeans                                   | 24.6  | 26.8  | 27.8  | 28.6  | 29.5  | 30.1  | 30.5  | 31.0  | 31.6  | 32.2  | 32.8  | 33.3  |
| Rapeseed                                   | 5.5   | 8.5   | 8.9   | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.4   | 9.6   | 9.8   | 10.0  |
| Sunflowerseed                              | 16.0  | 12.9  | 10.5  | 9.3   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   | 9.5   | 9.6   |
| <b>Protein meals</b>                       |       |       |       |       |       |       |       |       |       |       |       |       |
| Soybean meal                               | 7.9   | 8.2   | 8.2   | 8.3   | 8.4   | 8.5   | 8.6   | 8.6   | 8.7   | 8.7   | 8.8   | 8.8   |
| Rapeseed meal                              | 4.7   | 5.3   | 5.5   | 5.6   | 5.7   | 5.8   | 5.8   | 5.8   | 5.9   | 5.9   | 5.9   | 5.9   |
| Sunflowerseed meal                         | 5.4   | 7.9   | 8.7   | 9.0   | 9.3   | 9.6   | 9.8   | 10.0  | 10.1  | 10.3  | 10.4  | 10.6  |
| <b>Vegetable oils</b>                      |       |       |       |       |       |       |       |       |       |       |       |       |
| Soybean oil                                | 9.8   | 10.2  | 9.9   | 9.8   | 9.7   | 9.8   | 9.9   | 10.0  | 10.0  | 10.0  | 10.0  | 10.0  |
| Rapeseed oil                               | 8.9   | 8.9   | 9.8   | 9.9   | 9.8   | 9.7   | 9.7   | 9.8   | 9.8   | 9.9   | 9.9   | 9.9   |
| Sunflowerseed oil                          | 13.8  | 14.0  | 13.4  | 13.1  | 12.9  | 12.8  | 12.8  | 12.7  | 12.7  | 12.7  | 12.6  | 12.6  |
| Palm oil                                   | 24.1  | 23.5  | 23.1  | 23.1  | 23.3  | 23.5  | 23.6  | 23.6  | 23.7  | 23.7  | 23.7  | 23.7  |
| <b>Cotton</b>                              | 58.7  | 63.6  | 68.2  | 68.4  | 67.2  | 66.4  | 66.2  | 66.2  | 66.3  | 66.5  | 66.6  | 66.8  |

## World Wheat Supply & Utilization

|                           | 10/11 | 11/12   | 12/13 | 13/14   | 14/15   | 15/16   | 16/17   | 17/18   | 18/19   | 19/20   | 20/21   |
|---------------------------|-------|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Million hectares)        |       |         |       |         |         |         |         |         |         |         |         |
| <b>Area Harvested</b>     | 217.1 | 221.2   | 216.2 | 220.0   | 221.3   | 224.0   | 222.3   | 218.1   | 215.4   | 215.5   | 220.5   |
| (Metric tons per hectare) |       |         |       |         |         |         |         |         |         |         |         |
| <b>Yield</b>              | 3.00  | 3.16    | 3.06  | 3.26    | 3.30    | 3.30    | 3.40    | 3.49    | 3.39    | 3.53    | 3.51    |
| (Million metric tons)     |       |         |       |         |         |         |         |         |         |         |         |
| <b>Supply</b>             | 956.7 | 1,008.1 | 974.5 | 1,023.3 | 1,057.5 | 1,096.0 | 1,143.6 | 1,171.7 | 1,152.0 | 1,196.3 | 1,232.4 |
| Production                | 650.6 | 698.7   | 660.5 | 716.7   | 730.3   | 738.0   | 756.1   | 761.6   | 730.9   | 761.5   | 774.5   |
| Beginning stocks          | 204.1 | 200.3   | 200.7 | 181.1   | 200.8   | 225.1   | 247.4   | 266.4   | 285.9   | 282.5   | 298.2   |
| Net imports               | 102.0 | 109.1   | 113.3 | 125.4   | 126.4   | 132.9   | 140.1   | 143.8   | 135.2   | 152.2   | 159.7   |
| <b>Utilization</b>        | 853.6 | 891.5   | 868.2 | 890.9   | 926.2   | 960.1   | 1,000.2 | 1,026.5 | 1,014.7 | 1,038.5 | 1,064.8 |
| Feed and residual         | 116.6 | 149.4   | 138.5 | 126.4   | 132.4   | 141.0   | 147.2   | 147.5   | 139.3   | 139.5   | 158.1   |
| Food, seed & industrial   | 536.7 | 541.4   | 548.5 | 563.7   | 568.7   | 571.8   | 586.6   | 593.1   | 592.9   | 600.7   | 616.0   |
| Ending stocks             | 200.3 | 200.7   | 181.1 | 200.8   | 225.1   | 247.4   | 266.4   | 285.9   | 282.5   | 298.2   | 290.7   |
| <b>Net exports</b>        | 103.1 | 116.5   | 106.3 | 132.4   | 131.3   | 135.8   | 143.4   | 145.2   | 137.2   | 157.8   | 167.6   |
| <b>Total Demand</b>       | 956.7 | 1,008.1 | 974.5 | 1,023.3 | 1,057.5 | 1,096.0 | 1,143.6 | 1,171.7 | 1,152.0 | 1,196.3 | 1,232.4 |

### Wheat Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 4.8   | 5.2   | 3.6   | 3.5   | 5.0   | 3.9   | 5.6   | 5.8   | 6.1   | 6.7   | 6.4   |
| Australia          | 13.5  | 13.9  | 13.0  | 12.6  | 12.4  | 11.3  | 12.2  | 10.9  | 10.4  | 9.9   | 12.6  |
| Brazil             | 2.2   | 2.2   | 1.9   | 2.2   | 2.8   | 2.5   | 2.1   | 1.9   | 2.0   | 2.0   | 2.3   |
| Canada             | 8.3   | 8.6   | 9.5   | 10.4  | 9.6   | 9.6   | 9.0   | 9.0   | 9.9   | 9.7   | 10.0  |
| China              | 24.4  | 24.5  | 24.6  | 24.4  | 24.4  | 24.6  | 24.7  | 24.5  | 24.3  | 23.7  | 23.4  |
| EU27               | 26.0  | 25.8  | 26.0  | 25.9  | 26.7  | 26.8  | 25.4  | 24.4  | 23.8  | 24.4  | 23.0  |
| India              | 28.5  | 29.1  | 29.9  | 30.0  | 30.5  | 31.5  | 30.2  | 30.8  | 29.7  | 29.3  | 31.4  |
| Mexico             | 0.7   | 0.7   | 0.6   | 0.6   | 0.7   | 0.8   | 0.7   | 0.7   | 0.5   | 0.6   | 0.6   |
| Russia             | 21.8  | 24.8  | 21.3  | 23.4  | 23.6  | 25.6  | 27.0  | 27.4  | 26.3  | 27.3  | 28.7  |
| Ukraine            | 6.3   | 6.7   | 5.6   | 6.6   | 6.3   | 7.1   | 6.5   | 6.6   | 6.7   | 7.0   | 6.8   |
| United States      | 19.0  | 18.5  | 19.7  | 18.3  | 18.8  | 19.1  | 17.7  | 15.2  | 16.0  | 15.1  | 14.9  |
| Rest of world      | 61.7  | 61.4  | 60.6  | 61.9  | 60.6  | 61.2  | 61.2  | 61.0  | 59.7  | 59.7  | 60.4  |
| <b>World total</b> | 217.1 | 221.2 | 216.2 | 220.0 | 221.3 | 224.0 | 222.3 | 218.1 | 215.4 | 215.5 | 220.5 |

## World Wheat Supply & Utilization

|                           | 21/22   | 22/23   | 23/24   | 24/25   | 25/26   | 26/27   | 27/28   | 28/29   | 29/30   | 30/31   | 31/32   | 32/33   |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Million hectares)        |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Area Harvested</b>     | 222.1   | 220.4   | 223.1   | 223.6   | 222.4   | 222.1   | 221.8   | 221.8   | 221.9   | 221.9   | 222.0   | 222.0   |
| (Metric tons per hectare) |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Yield</b>              | 3.51    | 3.55    | 3.62    | 3.67    | 3.71    | 3.75    | 3.78    | 3.82    | 3.86    | 3.90    | 3.93    | 3.97    |
| (Million metric tons)     |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Supply</b>             | 1,229.3 | 1,219.9 | 1,242.1 | 1,271.3 | 1,290.6 | 1,308.7 | 1,325.1 | 1,341.2 | 1,357.2 | 1,373.0 | 1,388.5 | 1,403.8 |
| Production                | 779.4   | 782.7   | 808.7   | 820.6   | 825.6   | 832.5   | 839.3   | 847.7   | 856.0   | 864.4   | 872.7   | 880.6   |
| Beginning stocks          | 290.7   | 276.3   | 268.1   | 281.8   | 295.5   | 304.0   | 310.3   | 314.7   | 318.9   | 322.8   | 326.6   | 330.5   |
| Net imports               | 159.2   | 161.0   | 165.2   | 168.9   | 169.6   | 172.2   | 175.5   | 178.9   | 182.3   | 185.8   | 189.2   | 192.6   |
| <b>Utilization</b>        | 1,065.3 | 1,052.9 | 1,072.6 | 1,098.2 | 1,116.8 | 1,132.3 | 1,145.4 | 1,158.1 | 1,170.6 | 1,182.9 | 1,195.0 | 1,206.9 |
| Feed and residual         | 160.9   | 156.3   | 154.3   | 158.7   | 163.1   | 165.8   | 167.9   | 169.7   | 171.5   | 173.1   | 174.5   | 175.8   |
| Food, seed & industrial   | 628.0   | 628.5   | 636.4   | 644.0   | 649.6   | 656.1   | 662.8   | 669.5   | 676.4   | 683.2   | 690.0   | 696.7   |
| Ending stocks             | 276.3   | 268.1   | 281.8   | 295.5   | 304.0   | 310.3   | 314.7   | 318.9   | 322.8   | 326.6   | 330.5   | 334.4   |
| <b>Net exports</b>        | 164.0   | 167.0   | 169.5   | 173.1   | 173.9   | 176.4   | 179.7   | 183.1   | 186.6   | 190.0   | 193.5   | 196.9   |
| <b>Total Demand</b>       | 1,229.3 | 1,219.9 | 1,242.1 | 1,271.3 | 1,290.6 | 1,308.7 | 1,325.1 | 1,341.2 | 1,357.2 | 1,373.0 | 1,388.5 | 1,403.8 |

## Wheat Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 6.6   | 5.8   | 6.1   | 6.1   | 6.1   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.5   | 6.6   |
| Australia          | 13.0  | 13.1  | 13.2  | 13.1  | 12.8  | 12.7  | 12.6  | 12.6  | 12.6  | 12.6  | 12.6  | 12.6  |
| Brazil             | 2.7   | 3.1   | 3.4   | 3.3   | 3.2   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| Canada             | 9.2   | 10.0  | 10.1  | 10.1  | 9.8   | 9.7   | 9.6   | 9.7   | 9.9   | 10.0  | 10.2  | 10.3  |
| China              | 23.6  | 23.6  | 23.4  | 23.1  | 22.6  | 22.3  | 22.0  | 21.8  | 21.6  | 21.4  | 21.1  | 20.9  |
| EU27               | 24.2  | 24.3  | 24.4  | 24.8  | 24.5  | 24.3  | 24.2  | 24.1  | 24.0  | 24.0  | 23.9  | 23.8  |
| India              | 31.1  | 30.5  | 31.0  | 31.3  | 31.0  | 31.1  | 31.0  | 30.9  | 30.8  | 30.8  | 30.7  | 30.7  |
| Mexico             | 0.5   | 0.6   | 0.6   | 0.7   | 0.7   | 0.7   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   |
| Russia             | 27.6  | 28.7  | 28.9  | 28.3  | 28.0  | 28.2  | 28.3  | 28.3  | 28.3  | 28.2  | 28.2  | 28.2  |
| Ukraine            | 7.4   | 5.3   | 4.7   | 5.5   | 6.2   | 6.4   | 6.5   | 6.6   | 6.8   | 6.8   | 6.8   | 6.8   |
| United States      | 15.0  | 14.4  | 15.5  | 15.3  | 15.5  | 15.5  | 15.4  | 15.4  | 15.3  | 15.3  | 15.3  | 15.3  |
| Rest of world      | 61.0  | 61.1  | 61.8  | 62.1  | 62.1  | 62.2  | 62.3  | 62.5  | 62.6  | 62.8  | 62.9  | 63.1  |
| <b>World total</b> | 222.1 | 220.4 | 223.1 | 223.6 | 222.4 | 222.1 | 221.8 | 221.8 | 221.9 | 221.9 | 222.0 | 222.0 |

## Wheat Trade

|                               | 10/11   | 11/12   | 12/13   | 13/14   | 14/15   | 15/16   | 16/17   | 17/18   | 18/19   | 19/20   | 20/21   |
|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Thousand metric tons)        |         |         |         |         |         |         |         |         |         |         |         |
| <b>Net exporters</b>          |         |         |         |         |         |         |         |         |         |         |         |
| Argentina                     | 9,481   | 12,921  | 3,548   | 2,248   | 5,266   | 9,588   | 13,821  | 12,725  | 12,183  | 12,780  | 11,525  |
| Australia                     | 18,478  | 24,533  | 18,504  | 18,461  | 16,433  | 15,957  | 22,477  | 13,667  | 8,507   | 8,242   | 23,575  |
| Canada                        | 16,162  | 16,892  | 18,499  | 22,849  | 23,621  | 21,583  | 19,715  | 21,545  | 23,923  | 23,462  | 25,883  |
| EU27                          | 18,465  | 9,366   | 17,510  | 28,059  | 29,478  | 27,832  | 22,079  | 18,835  | 18,923  | 34,237  | 24,361  |
| India                         | -200    | 876     | 6,808   | 6,028   | 3,358   | 659     | -5,494  | -597    | 479     | 489     | 2,543   |
| Russia                        | 3,894   | 21,077  | 10,136  | 17,747  | 22,470  | 24,727  | 27,310  | 40,980  | 35,417  | 34,160  | 38,700  |
| Ukraine                       | 4,261   | 5,352   | 7,145   | 9,687   | 11,242  | 17,404  | 18,066  | 17,716  | 15,940  | 20,922  | 16,719  |
| United States                 | 32,509  | 25,527  | 24,161  | 27,318  | 19,407  | 18,099  | 25,388  | 20,359  | 21,841  | 23,545  | 24,323  |
| Total net exports             | 103,050 | 116,544 | 106,311 | 132,397 | 131,275 | 135,849 | 143,362 | 145,230 | 137,213 | 157,837 | 167,629 |
| <b>Net importers</b>          |         |         |         |         |         |         |         |         |         |         |         |
| Brazil                        | 4,158   | 5,302   | 5,773   | 6,986   | 3,683   | 5,686   | 6,730   | 6,791   | 6,418   | 6,604   | 5,470   |
| China                         | -14     | 1,955   | 1,991   | 5,884   | 1,123   | 2,747   | 3,662   | 2,933   | 2,139   | 4,327   | 9,855   |
| Mexico                        | 2,583   | 4,230   | 3,094   | 3,317   | 3,367   | 3,237   | 4,251   | 4,098   | 4,335   | 3,912   | 4,112   |
| Rest of world                 | 95,228  | 97,652  | 102,471 | 109,228 | 118,259 | 121,227 | 125,413 | 129,958 | 122,271 | 137,397 | 140,227 |
| Total net imports             | 101,955 | 109,139 | 113,329 | 125,415 | 126,432 | 132,897 | 140,056 | 143,780 | 135,163 | 152,240 | 159,664 |
| Residual                      | 1,095   | 7,405   | -7,018  | 6,982   | 4,843   | 2,952   | 3,306   | 1,450   | 2,050   | 5,597   | 7,965   |
| <b>US SRW Gulf Port Price</b> | 282     | 261     | 309     | 268     | 223     | 196     | 170     | 186     | 209     | 221     | 247     |

## Wheat Trade

|                               | 21/22   | 22/23   | 23/24   | 24/25   | 25/26   | 26/27   | 27/28   | 28/29   | 29/30   | 30/31   | 31/32   | 32/33   |
|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Thousand metric tons)        |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Net exporters</b>          |         |         |         |         |         |         |         |         |         |         |         |         |
| Argentina                     | 16,246  | 10,000  | 12,897  | 13,224  | 13,441  | 13,884  | 14,378  | 14,858  | 15,338  | 15,847  | 16,385  | 16,942  |
| Australia                     | 27,322  | 25,815  | 22,690  | 22,381  | 21,955  | 21,742  | 21,738  | 21,844  | 21,973  | 22,107  | 22,234  | 22,344  |
| Canada                        | 14,582  | 25,407  | 24,960  | 25,125  | 24,599  | 24,491  | 24,707  | 25,153  | 25,705  | 26,265  | 26,829  | 27,386  |
| EU27                          | 27,298  | 29,138  | 31,952  | 32,131  | 29,480  | 28,781  | 28,925  | 29,508  | 29,938  | 30,471  | 30,986  | 31,626  |
| India                         | 8,008   | 6,448   | 3,491   | 3,194   | 3,012   | 3,019   | 2,991   | 2,986   | 2,943   | 2,937   | 2,910   | 2,899   |
| Russia                        | 32,700  | 41,714  | 42,173  | 41,832  | 41,411  | 42,517  | 43,566  | 44,577  | 45,516  | 46,471  | 47,433  | 48,378  |
| Ukraine                       | 18,701  | 10,907  | 11,021  | 14,687  | 17,814  | 19,003  | 19,840  | 20,279  | 21,018  | 21,518  | 21,986  | 22,476  |
| United States                 | 19,190  | 17,586  | 20,314  | 20,561  | 22,153  | 22,994  | 23,597  | 23,934  | 24,175  | 24,415  | 24,734  | 24,867  |
| Total net exports             | 164,047 | 167,016 | 169,496 | 173,136 | 173,864 | 176,431 | 179,741 | 183,140 | 186,605 | 190,032 | 193,495 | 196,918 |
| <b>Net importers</b>          |         |         |         |         |         |         |         |         |         |         |         |         |
| Brazil                        | 3,322   | 2,389   | 2,368   | 2,342   | 2,809   | 3,090   | 3,240   | 3,303   | 3,311   | 3,279   | 3,224   | 3,142   |
| China                         | 8,693   | 8,600   | 8,636   | 8,636   | 8,636   | 8,636   | 8,636   | 8,636   | 8,636   | 8,636   | 8,636   | 8,636   |
| Mexico                        | 4,402   | 4,097   | 4,130   | 4,084   | 4,075   | 4,127   | 4,191   | 4,256   | 4,318   | 4,380   | 4,445   | 4,509   |
| Rest of world                 | 142,791 | 145,865 | 150,085 | 153,797 | 154,067 | 156,299 | 159,397 | 162,666 | 166,063 | 169,458 | 172,913 | 176,353 |
| Total net imports             | 159,208 | 160,951 | 165,218 | 168,858 | 169,586 | 172,153 | 175,463 | 178,862 | 182,327 | 185,754 | 189,217 | 192,640 |
| Residual                      | 4,839   | 6,065   | 4,278   | 4,278   | 4,278   | 4,278   | 4,278   | 4,278   | 4,278   | 4,278   | 4,278   | 4,278   |
| <b>US SRW Gulf Port Price</b> | 334     | 377     | 316     | 275     | 265     | 260     | 259     | 256     | 254     | 250     | 246     | 242     |

## World Corn Supply & Utilization

|                           | 10/11   | 11/12   | 12/13   | 13/14   | 14/15   | 15/16   | 16/17   | 17/18   | 18/19   | 19/20   | 20/21   |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Million hectares)        |         |         |         |         |         |         |         |         |         |         |         |
| <b>Area Harvested</b>     | 166.5   | 175.9   | 183.7   | 188.1   | 188.8   | 188.0   | 196.9   | 193.3   | 192.7   | 194.4   | 199.0   |
| (Metric tons per hectare) |         |         |         |         |         |         |         |         |         |         |         |
| <b>Yield</b>              | 5.10    | 5.18    | 4.89    | 5.46    | 5.60    | 5.40    | 5.73    | 5.60    | 5.86    | 5.78    | 5.67    |
| (Million metric tons)     |         |         |         |         |         |         |         |         |         |         |         |
| <b>Supply</b>             | 1,061.1 | 1,110.3 | 1,103.0 | 1,278.6 | 1,378.6 | 1,414.2 | 1,557.6 | 1,568.2 | 1,614.5 | 1,588.6 | 1,598.8 |
| Production                | 849.4   | 910.5   | 898.8   | 1,027.3 | 1,057.9 | 1,014.8 | 1,128.5 | 1,081.9 | 1,128.7 | 1,122.8 | 1,129.3 |
| Beginning stocks          | 131.6   | 115.3   | 123.4   | 144.8   | 214.7   | 279.7   | 311.7   | 351.9   | 341.5   | 322.7   | 307.5   |
| Net imports               | 80.1    | 84.5    | 80.8    | 106.4   | 106.0   | 119.6   | 117.4   | 134.4   | 144.2   | 143.2   | 162.0   |
| <b>Utilization</b>        | 982.9   | 1,009.4 | 1,026.4 | 1,165.4 | 1,254.9 | 1,313.9 | 1,416.6 | 1,436.9 | 1,454.1 | 1,440.8 | 1,439.1 |
| Feed and residual         | 517.1   | 525.4   | 528.5   | 576.3   | 591.7   | 613.8   | 659.0   | 673.4   | 705.0   | 716.3   | 724.0   |
| Food, seed & industrial   | 350.5   | 360.6   | 353.1   | 374.5   | 383.4   | 388.4   | 405.7   | 422.0   | 426.5   | 417.0   | 422.3   |
| Ending stocks             | 115.3   | 123.4   | 144.8   | 214.7   | 279.7   | 311.7   | 351.9   | 341.5   | 322.7   | 307.5   | 292.8   |
| <b>Net exports</b>        | 78.2    | 100.9   | 76.6    | 113.2   | 123.7   | 100.3   | 141.0   | 131.3   | 160.3   | 147.9   | 159.7   |
| <b>Total Demand</b>       | 1,061.1 | 1,110.3 | 1,103.0 | 1,278.6 | 1,378.6 | 1,414.2 | 1,557.6 | 1,568.2 | 1,614.5 | 1,588.6 | 1,598.8 |

### Corn Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 3.8   | 3.6   | 4.0   | 3.4   | 3.5   | 3.7   | 4.9   | 5.2   | 6.1   | 6.3   | 6.6   |
| Australia          | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| Brazil             | 13.8  | 15.2  | 15.8  | 15.8  | 15.8  | 16.0  | 17.6  | 16.6  | 17.5  | 18.5  | 19.9  |
| Canada             | 1.2   | 1.3   | 1.4   | 1.5   | 1.2   | 1.3   | 1.4   | 1.4   | 1.4   | 1.5   | 1.4   |
| China              | 35.0  | 36.8  | 39.1  | 41.3  | 43.0  | 45.0  | 44.2  | 42.4  | 42.1  | 41.3  | 41.3  |
| EU27               | 8.4   | 9.2   | 9.8   | 9.7   | 9.6   | 9.3   | 8.6   | 8.3   | 8.3   | 8.9   | 9.2   |
| India              | 8.6   | 8.8   | 8.7   | 9.1   | 9.2   | 8.8   | 9.6   | 9.4   | 9.0   | 9.6   | 9.9   |
| Mexico             | 7.0   | 6.1   | 6.9   | 7.1   | 7.3   | 7.2   | 7.5   | 7.3   | 7.2   | 6.6   | 7.1   |
| Russia             | 1.0   | 1.6   | 1.9   | 2.3   | 2.6   | 2.7   | 2.8   | 2.7   | 2.4   | 2.5   | 2.7   |
| Ukraine            | 2.6   | 3.5   | 4.4   | 4.8   | 4.6   | 4.1   | 4.2   | 4.4   | 4.6   | 5.0   | 5.4   |
| United States      | 33.0  | 33.9  | 35.4  | 35.4  | 33.6  | 32.7  | 35.1  | 33.5  | 32.9  | 32.9  | 33.3  |
| Rest of world      | 52.0  | 55.8  | 56.3  | 57.6  | 58.3  | 57.2  | 60.9  | 62.1  | 61.1  | 61.3  | 62.2  |
| <b>World total</b> | 166.5 | 175.9 | 183.7 | 188.1 | 188.8 | 188.0 | 196.9 | 193.3 | 192.7 | 194.4 | 199.0 |

## World Corn Supply & Utilization

|                         | 21/22   | 22/23   | 23/24   | 24/25   | 25/26   | 26/27   | 27/28   | 28/29   | 29/30   | 30/31   | 31/32   | 32/33   |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Million hectares)      |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Area Harvested</b>   | 207.3   | 202.6   | 207.1   | 205.6   | 204.5   | 204.9   | 205.3   | 205.8   | 206.1   | 206.5   | 206.8   | 207.0   |
| <b>Yield</b>            | 5.87    | 5.77    | 5.92    | 6.14    | 6.22    | 6.29    | 6.36    | 6.43    | 6.49    | 6.56    | 6.63    | 6.69    |
| <b>Supply</b>           | 1,667.7 | 1,633.3 | 1,697.5 | 1,768.7 | 1,791.6 | 1,814.6 | 1,838.1 | 1,861.7 | 1,885.6 | 1,911.5 | 1,937.8 | 1,963.5 |
| Production              | 1,217.5 | 1,168.4 | 1,225.7 | 1,262.4 | 1,271.3 | 1,288.3 | 1,305.8 | 1,322.3 | 1,338.5 | 1,355.6 | 1,371.3 | 1,385.4 |
| Beginning stocks        | 292.8   | 307.7   | 300.5   | 325.2   | 333.1   | 334.0   | 335.7   | 338.9   | 343.1   | 348.2   | 355.1   | 363.4   |
| Net imports             | 157.4   | 157.2   | 171.2   | 181.0   | 187.2   | 192.4   | 196.6   | 200.5   | 204.1   | 207.7   | 211.3   | 214.8   |
| <b>Utilization</b>      | 1,492.4 | 1,470.9 | 1,550.2 | 1,582.3 | 1,599.0 | 1,616.9 | 1,636.2 | 1,655.8 | 1,676.2 | 1,698.4 | 1,721.1 | 1,743.4 |
| Feed and residual       | 751.9   | 740.6   | 780.5   | 795.8   | 806.0   | 817.5   | 829.2   | 840.8   | 852.2   | 863.8   | 874.3   | 883.9   |
| Food, seed & industrial | 432.7   | 429.8   | 444.5   | 453.4   | 459.0   | 463.8   | 468.0   | 472.0   | 475.8   | 479.5   | 483.4   | 487.2   |
| Ending stocks           | 307.7   | 300.5   | 325.2   | 333.1   | 334.0   | 335.7   | 338.9   | 343.1   | 348.2   | 355.1   | 363.4   | 372.4   |
| <b>Net exports</b>      | 175.4   | 162.3   | 176.6   | 186.4   | 192.6   | 197.7   | 201.9   | 205.9   | 209.4   | 213.0   | 216.7   | 220.1   |
| <b>Total Demand</b>     | 1,667.7 | 1,633.3 | 1,726.8 | 1,768.7 | 1,791.6 | 1,814.6 | 1,838.1 | 1,861.7 | 1,885.6 | 1,911.5 | 1,937.8 | 1,963.5 |

### Corn Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 7.4   | 7.0   | 7.3   | 7.2   | 7.1   | 7.1   | 7.2   | 7.2   | 7.3   | 7.4   | 7.4   | 7.5   |
| Australia          | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   |
| Brazil             | 21.8  | 22.7  | 22.9  | 22.6  | 22.6  | 22.9  | 23.1  | 23.4  | 23.6  | 23.7  | 23.9  | 24.1  |
| Canada             | 1.4   | 1.5   | 1.5   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   |
| China              | 43.3  | 43.0  | 43.8  | 43.4  | 42.9  | 42.7  | 42.6  | 42.6  | 42.7  | 42.7  | 42.7  | 42.7  |
| EU27               | 9.2   | 8.8   | 9.0   | 8.6   | 8.5   | 8.6   | 8.6   | 8.6   | 8.6   | 8.6   | 8.6   | 8.6   |
| India              | 10.1  | 10.0  | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  | 10.0  | 10.0  | 9.9   | 9.9   | 9.8   |
| Mexico             | 7.1   | 7.2   | 7.3   | 7.3   | 7.2   | 7.2   | 7.3   | 7.3   | 7.3   | 7.3   | 7.3   | 7.2   |
| Russia             | 2.9   | 2.7   | 2.7   | 2.7   | 2.7   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| Ukraine            | 5.5   | 4.5   | 4.5   | 4.8   | 5.0   | 5.2   | 5.3   | 5.5   | 5.5   | 5.6   | 5.6   | 5.7   |
| United States      | 34.5  | 32.7  | 34.6  | 34.4  | 34.0  | 33.9  | 33.6  | 33.3  | 33.1  | 32.9  | 32.6  | 32.4  |
| Rest of world      | 64.0  | 62.4  | 63.3  | 62.9  | 62.8  | 63.0  | 63.3  | 63.6  | 64.0  | 64.3  | 64.6  | 64.9  |
| <b>World total</b> | 207.3 | 202.6 | 207.1 | 205.6 | 204.5 | 204.9 | 205.3 | 205.8 | 206.1 | 206.5 | 206.8 | 207.0 |

## Corn Trade

|                           | 10/11  | 11/12   | 12/13  | 13/14   | 14/15   | 15/16   | 16/17   | 17/18   | 18/19   | 19/20   | 20/21   |
|---------------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Thousand metric tons)    |        |         |        |         |         |         |         |         |         |         |         |
| <b>Net exporters</b>      |        |         |        |         |         |         |         |         |         |         |         |
| Argentina                 | 16,342 | 17,142  | 18,688 | 17,100  | 18,960  | 21,650  | 25,975  | 22,466  | 37,240  | 36,248  | 40,937  |
| Australia                 | 45     | 105     | 105    | 57      | 64      | 62      | 66      | 71      | 48      | 45      | 86      |
| Brazil                    | 7,613  | 23,566  | 24,062 | 20,178  | 34,130  | 10,573  | 30,750  | 23,204  | 38,004  | 33,483  | 18,175  |
| India                     | 3,507  | 4,556   | 4,699  | 3,864   | 1,133   | 275     | 513     | 1,061   | 198     | 1,049   | 3,565   |
| Russia                    | -75    | 1,984   | 1,866  | 4,142   | 3,167   | 4,647   | 5,545   | 5,485   | 2,733   | 4,022   | 3,951   |
| Ukraine                   | 4,970  | 15,159  | 12,682 | 19,938  | 19,633  | 16,567  | 21,305  | 17,997  | 30,281  | 28,900  | 23,843  |
| United States             | 45,805 | 38,350  | 14,482 | 47,881  | 46,617  | 46,512  | 56,863  | 60,991  | 51,828  | 44,111  | 69,160  |
| Total net exports         | 78,207 | 100,862 | 76,584 | 113,160 | 123,704 | 100,286 | 141,017 | 131,275 | 160,332 | 147,858 | 159,717 |
| <b>Net importers</b>      |        |         |        |         |         |         |         |         |         |         |         |
| Canada                    | -750   | 380     | -1,272 | -1,468  | 1,138   | -719    | -816    | -267    | 765     | 1,135   | 22      |
| China                     | 868    | 5,140   | 2,621  | 3,255   | 5,503   | 3,170   | 2,403   | 3,437   | 4,464   | 7,568   | 29,508  |
| EU27                      | 6,289  | 2,826   | 9,168  | 13,610  | 4,881   | 12,055  | 11,437  | 14,935  | 19,310  | 11,996  | 10,758  |
| Mexico                    | 8,165  | 10,392  | 5,154  | 10,448  | 10,557  | 12,398  | 13,075  | 15,171  | 15,940  | 15,497  | 16,018  |
| Rest of world             | 65,514 | 65,777  | 65,125 | 80,599  | 83,913  | 92,702  | 91,287  | 101,107 | 103,727 | 107,041 | 105,743 |
| Total net imports         | 80,086 | 84,515  | 80,796 | 106,444 | 105,992 | 119,606 | 117,386 | 134,383 | 144,206 | 143,237 | 162,049 |
| Residual                  | -1,879 | 16,347  | -4,212 | 6,716   | 17,712  | -19,320 | 23,631  | -3,108  | 16,126  | 4,621   | -2,332  |
| <b>US Gulf Port Price</b> | 277    | 284     | 298    | 203     | 171     | 165     | 155     | 160     | 169     | 158     | 239     |

## Corn Trade

|                           | 21/22   | 22/23   | 23/24   | 24/25   | 25/26   | 26/27   | 27/28   | 28/29   | 29/30   | 30/31   | 31/32   | 32/33   |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Thousand metric tons)    |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Net exporters</b>      |         |         |         |         |         |         |         |         |         |         |         |         |
| Argentina                 | 36,495  | 40,989  | 43,656  | 43,109  | 42,720  | 43,157  | 43,925  | 44,784  | 45,756  | 46,891  | 48,092  | 49,329  |
| Australia                 | 89      | 73      | 77      | 34      | 9       | 1       | 9       | 23      | 42      | 63      | 87      | 115     |
| Brazil                    | 42,200  | 45,804  | 43,519  | 40,381  | 39,887  | 41,300  | 42,828  | 44,175  | 45,324  | 46,325  | 48,079  | 50,327  |
| India                     | 3,480   | 2,698   | 2,122   | 1,982   | 1,965   | 1,936   | 1,909   | 1,879   | 1,854   | 1,828   | 1,803   | 1,779   |
| Russia                    | 3,950   | 3,947   | 3,932   | 4,221   | 4,546   | 4,860   | 5,117   | 5,339   | 5,528   | 5,700   | 5,847   | 5,980   |
| Ukraine                   | 26,985  | 15,499  | 22,647  | 28,774  | 30,092  | 30,756  | 31,431  | 32,979  | 34,049  | 35,096  | 36,104  | 37,067  |
| United States             | 62,161  | 53,326  | 60,630  | 67,860  | 73,356  | 75,687  | 76,696  | 76,892  | 77,137  | 76,669  | 75,516  |         |
| Total net exports         | 175,360 | 162,335 | 176,583 | 186,360 | 192,574 | 197,698 | 201,914 | 205,869 | 209,445 | 213,039 | 216,681 | 220,115 |
| <b>Net importers</b>      |         |         |         |         |         |         |         |         |         |         |         |         |
| Canada                    | 3,950   | -142    | 896     | 1,822   | 2,332   | 2,564   | 2,726   | 2,819   | 2,906   | 2,919   | 2,925   | 2,908   |
| China                     | 21,881  | 18,043  | 18,765  | 20,219  | 20,718  | 21,442  | 21,601  | 21,550  | 21,438  | 21,599  | 21,939  | 22,230  |
| EU27                      | 14,000  | 17,294  | 15,186  | 17,319  | 18,129  | 17,930  | 17,649  | 17,432  | 17,065  | 16,629  | 16,209  | 15,694  |
| Mexico                    | 17,322  | 17,099  | 16,814  | 16,793  | 16,967  | 16,915  | 16,846  | 16,709  | 16,614  | 16,533  | 16,465  | 16,452  |
| Rest of world             | 100,294 | 104,905 | 119,590 | 124,874 | 129,094 | 133,514 | 137,759 | 142,027 | 146,089 | 150,026 | 153,808 | 157,498 |
| Total net imports         | 157,447 | 157,199 | 171,250 | 181,027 | 187,240 | 192,365 | 196,581 | 200,536 | 204,112 | 207,706 | 211,347 | 214,781 |
| Residual                  | 17,913  | 5,136   | 5,333   | 5,333   | 5,333   | 5,333   | 5,333   | 5,333   | 5,333   | 5,333   | 5,333   | 5,333   |
| <b>US Gulf Port Price</b> | 300     | 318     | 244     | 226     | 225     | 223     | 220     | 217     | 213     | 209     | 205     | 200     |

## World Sorghum Supply & Utilization

|                         | 10/11                     | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-------------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)      |                           |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>   | 41.0                      | 41.3  | 38.9  | 42.6  | 44.0  | 40.4  | 43.1  | 40.3  | 41.1  | 39.7  | 42.8  |
|                         | (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>            | 1.00                      | 0.94  | 1.00  | 0.93  | 1.04  | 1.05  | 1.04  | 1.02  | 1.05  | 1.04  | 1.03  |
|                         | (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>           | 71.9                      | 66.2  | 65.2  | 72.2  | 83.2  | 78.6  | 74.7  | 69.3  | 66.9  | 68.4  | 76.0  |
| Production              | 61.0                      | 56.1  | 55.0  | 62.0  | 65.8  | 62.5  | 63.1  | 57.8  | 59.4  | 57.7  | 62.6  |
| Beginning stocks        | 4.5                       | 5.5   | 4.1   | 4.2   | 5.6   | 5.7   | 5.1   | 5.5   | 4.7   | 5.5   | 3.9   |
| Net imports             | 6.3                       | 4.6   | 6.1   | 6.0   | 11.8  | 10.4  | 6.5   | 6.0   | 2.8   | 5.2   | 9.6   |
| <b>Utilization</b>      | 65.4                      | 60.1  | 60.3  | 65.1  | 71.6  | 68.5  | 67.8  | 63.4  | 64.0  | 62.3  | 64.9  |
| Feed and residual       | 26.7                      | 23.2  | 24.2  | 26.8  | 30.7  | 27.6  | 23.7  | 22.9  | 20.9  | 21.2  | 24.2  |
| Food, seed & industrial | 33.3                      | 32.7  | 31.9  | 32.7  | 35.1  | 35.9  | 38.6  | 35.9  | 37.6  | 37.2  | 36.8  |
| Ending stocks           | 5.5                       | 4.1   | 4.2   | 5.6   | 5.7   | 5.1   | 5.5   | 4.7   | 5.5   | 3.9   | 4.0   |
| <b>Net exports</b>      | 6.4                       | 6.1   | 4.9   | 7.1   | 11.6  | 10.1  | 6.9   | 5.9   | 2.9   | 6.1   | 11.1  |
| <b>Total Demand</b>     | 71.9                      | 66.2  | 65.2  | 72.2  | 83.2  | 78.6  | 74.7  | 69.3  | 66.9  | 68.4  | 76.0  |

## Sorghum Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 1.0   | 1.0   | 1.1   | 1.0   | 0.8   | 0.8   | 0.7   | 0.7   | 0.6   | 0.6   | 0.8   |
| Australia          | 0.6   | 0.7   | 0.6   | 0.5   | 0.7   | 0.5   | 0.4   | 0.5   | 0.6   | 0.2   | 0.6   |
| Brazil             | 0.8   | 0.8   | 0.8   | 0.7   | 0.7   | 0.6   | 0.6   | 0.8   | 0.7   | 0.8   | 0.9   |
| China              | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.4   | 0.5   | 0.5   | 0.6   | 0.6   | 0.6   |
| India              | 7.4   | 6.2   | 6.2   | 5.8   | 6.2   | 6.1   | 5.6   | 5.0   | 4.1   | 4.8   | 4.4   |
| Mexico             | 1.9   | 1.7   | 1.6   | 2.1   | 1.7   | 1.7   | 1.5   | 1.4   | 1.4   | 1.4   | 1.3   |
| United States      | 1.9   | 1.6   | 2.0   | 2.7   | 2.6   | 3.2   | 2.5   | 2.0   | 2.0   | 1.9   | 2.1   |
| Rest of world      | 26.7  | 28.8  | 25.9  | 29.2  | 30.6  | 27.1  | 31.2  | 29.3  | 30.9  | 29.1  | 32.1  |
| <b>World total</b> | 40.9  | 41.2  | 38.7  | 42.5  | 43.8  | 40.3  | 43.0  | 40.2  | 41.0  | 39.5  | 42.6  |

## World Sorghum Supply & Utilization

|                         | 21/22                     | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-------------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)      |                           |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>   | 41.5                      | 41.3  | 42.1  | 42.2  | 42.3  | 42.6  | 42.9  | 43.2  | 43.5  | 43.7  | 43.9  | 44.1  |
|                         | (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>            | 0.97                      | 1.06  | 1.06  | 1.07  | 1.08  | 1.09  | 1.10  | 1.11  | 1.12  | 1.13  | 1.13  | 1.14  |
|                         | (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>           | 78.4                      | 73.4  | 78.9  | 80.5  | 81.4  | 82.5  | 83.5  | 84.5  | 85.5  | 86.5  | 87.5  | 88.4  |
| Production              | 62.2                      | 60.1  | 64.9  | 65.4  | 65.9  | 66.8  | 67.7  | 68.5  | 69.2  | 70.0  | 70.7  | 71.5  |
| Beginning stocks        | 4.0                       | 4.4   | 3.7   | 4.1   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.1   | 5.2   |
| Net imports             | 12.3                      | 8.8   | 10.3  | 10.9  | 11.1  | 11.2  | 11.3  | 11.4  | 11.5  | 11.6  | 11.7  | 11.8  |
| <b>Utilization</b>      | 66.8                      | 64.0  | 68.3  | 69.3  | 70.0  | 71.0  | 71.9  | 72.8  | 73.7  | 74.6  | 75.5  | 76.3  |
| Feed and residual       | 27.2                      | 23.8  | 25.9  | 25.9  | 25.9  | 25.9  | 26.0  | 26.0  | 26.1  | 26.2  | 26.2  | 26.2  |
| Food, seed & industrial | 35.1                      | 36.5  | 38.2  | 39.0  | 39.7  | 40.5  | 41.2  | 42.0  | 42.7  | 43.4  | 44.1  | 44.8  |
| Ending stocks           | 4.4                       | 3.7   | 4.1   | 4.4   | 4.5   | 4.6   | 4.7   | 4.8   | 4.9   | 5.1   | 5.2   | 5.3   |
| <b>Net exports</b>      | 11.7                      | 9.4   | 10.6  | 11.2  | 11.4  | 11.5  | 11.6  | 11.7  | 11.8  | 11.9  | 12.0  | 12.1  |
| <b>Total Demand</b>     | 78.4                      | 73.4  | 78.9  | 80.5  | 81.4  | 82.5  | 83.5  | 84.5  | 85.5  | 86.5  | 87.5  | 88.4  |

### Sorghum Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   |
| Australia          | 0.6   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   |
| Brazil             | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0.9   | 0.9   | 1.0   | 1.0   | 1.0   |
| China              | 0.6   | 0.6   | 0.7   | 0.6   | 0.6   | 0.6   | 0.6   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| India              | 4.6   | 4.5   | 4.6   | 4.7   | 4.7   | 4.9   | 4.9   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   |
| Mexico             | 1.4   | 1.4   | 1.4   | 1.3   | 1.3   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   |
| United States      | 2.6   | 2.2   | 2.1   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   |
| Rest of world      | 29.6  | 29.7  | 30.4  | 30.5  | 30.6  | 30.8  | 31.0  | 31.2  | 31.5  | 31.7  | 31.9  | 32.2  |
| <b>World total</b> | 41.3  | 41.2  | 41.9  | 42.0  | 42.2  | 42.5  | 42.8  | 43.1  | 43.3  | 43.5  | 43.8  | 44.0  |

## Sorghum Trade

|                           | 10/11 | 11/12 | 12/13  | 13/14 | 14/15  | 15/16  | 16/17 | 17/18 | 18/19 | 19/20 | 20/21  |
|---------------------------|-------|-------|--------|-------|--------|--------|-------|-------|-------|-------|--------|
| (Thousand metric tons)    |       |       |        |       |        |        |       |       |       |       |        |
| <b>Net exporters</b>      |       |       |        |       |        |        |       |       |       |       |        |
| Argentina                 | 1,702 | 3,084 | 1,783  | 1,279 | 931    | 494    | 563   | 274   | 411   | 638   | 2,240  |
| Australia                 | 865   | 1,290 | 1,161  | 389   | 1,629  | 905    | 280   | 456   | 96    | 250   | 1,678  |
| Brazil                    | -1    | 0     | 2      | 10    | 13     | 25     | 1     | 1     | 33    | -1    | 11     |
| India                     | 27    | 134   | 228    | 87    | 122    | 74     | 23    | 125   | 51    | 31    | 57     |
| United States             | 3,849 | 1,608 | 1,695  | 5,357 | 8,925  | 8,566  | 5,996 | 5,038 | 2,327 | 5,161 | 7,084  |
| Total net exports         | 6,442 | 6,116 | 4,869  | 7,122 | 11,620 | 10,064 | 6,863 | 5,894 | 2,918 | 6,079 | 11,070 |
| <b>Net importers</b>      |       |       |        |       |        |        |       |       |       |       |        |
| China                     | -64   | 48    | 604    | 4,150 | 10,153 | 8,261  | 5,175 | 4,393 | 603   | 3,680 | 8,665  |
| EU27                      | 917   | 81    | 314    | 190   | 117    | 115    | 155   | 405   | 736   | 69    | -1     |
| Mexico                    | 2,379 | 1,369 | 1,793  | 162   | 21     | 661    | 548   | 96    | 546   | 566   | 101    |
| Rest of world             | 3,102 | 3,110 | 3,358  | 1,515 | 1,509  | 1,358  | 630   | 1,127 | 957   | 855   | 802    |
| Total net imports         | 6,334 | 4,608 | 6,069  | 6,017 | 11,800 | 10,395 | 6,508 | 6,021 | 2,842 | 5,170 | 9,567  |
| Residual                  | 108   | 1,508 | -1,200 | 1,105 | -180   | -331   | 355   | -127  | 76    | 909   | 1,503  |
| <b>US Gulf Port Price</b> | 263   | 272   | 279    | 200   | 191    | 168    | 153   | 164   | 172   | 196   | 271    |

\* FAPRI price estimates in lieu of missing source data: sorghum, #2 yellow U.S. Gulf 17/18, 18/19, 19/20

## Sorghum Trade

|                           | 21/22  | 22/23 | 23/24  | 24/25  | 25/26  | 26/27  | 27/28  | 28/29  | 29/30  | 30/31  | 31/32  | 32/33  |
|---------------------------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons)    |        |       |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>      |        |       |        |        |        |        |        |        |        |        |        |        |
| Argentina                 | 1,999  | 2,506 | 2,507  | 2,470  | 2,397  | 2,363  | 2,356  | 2,354  | 2,360  | 2,398  | 2,440  | 2,477  |
| Australia                 | 2,150  | 2,400 | 2,120  | 2,064  | 2,092  | 2,112  | 2,131  | 2,145  | 2,162  | 2,180  | 2,197  | 2,209  |
| Brazil                    | -4     | 27    | 112    | 65     | 75     | 88     | 102    | 114    | 125    | 132    | 161    | 178    |
| India                     | 40     | 47    | 46     | 30     | 77     | 113    | 149    | 153    | 154    | 151    | 147    | 140    |
| United States             | 7,476  | 4,441 | 5,802  | 6,567  | 6,742  | 6,806  | 6,829  | 6,900  | 6,962  | 7,011  | 7,044  | 7,089  |
| Total net exports         | 11,661 | 9,421 | 10,587 | 11,196 | 11,383 | 11,482 | 11,566 | 11,666 | 11,764 | 11,872 | 11,989 | 12,094 |
| <b>Net importers</b>      |        |       |        |        |        |        |        |        |        |        |        |        |
| China                     | 10,986 | 7,770 | 8,716  | 8,861  | 9,019  | 9,146  | 9,258  | 9,353  | 9,435  | 9,507  | 9,577  | 9,652  |
| EU27                      | 145    | 94    | 175    | 182    | 166    | 150    | 141    | 130    | 120    | 111    | 101    | 91     |
| Mexico                    | 361    | 207   | 330    | 559    | 528    | 446    | 378    | 349    | 339    | 333    | 337    | 333    |
| Rest of world             | 759    | 743   | 1,067  | 1,294  | 1,370  | 1,440  | 1,490  | 1,533  | 1,570  | 1,621  | 1,674  | 1,717  |
| Total net imports         | 12,251 | 8,813 | 10,287 | 10,895 | 11,083 | 11,181 | 11,266 | 11,366 | 11,463 | 11,571 | 11,689 | 11,793 |
| Residual                  | -590   | 608   | 300    | 300    | 300    | 300    | 300    | 300    | 300    | 300    | 300    | 300    |
| <b>US Gulf Port Price</b> | 333    | 351   | 280    | 267    | 267    | 265    | 264    | 261    | 259    | 255    | 251    | 248    |

\* FAPRI price estimates in lieu of missing source data: sorghum, #2 yellow U.S. Gulf 17/18, 18/19, 19/20

## World Barley Supply & Utilization

|                         | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)      |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>   | 47.0  | 49.1  | 50.2  | 50.6  | 50.6  | 50.7  | 49.5  | 47.6  | 48.9  | 52.6  | 52.5  |
| <b>Yield</b>            | 2.61  | 2.71  | 2.57  | 2.85  | 2.80  | 2.95  | 2.98  | 3.01  | 2.86  | 3.01  | 3.07  |
| <b>Supply</b>           | 171.0 | 172.3 | 166.7 | 184.4 | 192.9 | 197.0 | 195.4 | 190.3 | 178.4 | 199.1 | 210.5 |
| Production              | 122.6 | 133.3 | 129.3 | 144.4 | 141.7 | 149.6 | 147.3 | 143.2 | 139.6 | 158.4 | 160.9 |
| Beginning stocks        | 36.9  | 23.9  | 22.0  | 21.2  | 24.5  | 23.8  | 25.7  | 23.8  | 21.4  | 20.2  | 21.7  |
| Net imports             | 11.4  | 15.1  | 15.4  | 18.8  | 26.7  | 23.7  | 22.4  | 23.4  | 17.4  | 20.6  | 27.9  |
| <b>Utilization</b>      | 157.8 | 157.6 | 151.9 | 166.0 | 167.1 | 171.2 | 172.2 | 168.1 | 160.3 | 178.2 | 182.4 |
| Feed and residual       | 91.2  | 92.1  | 87.8  | 97.8  | 98.7  | 101.0 | 103.7 | 101.8 | 95.8  | 110.8 | 115.8 |
| Food, seed & industrial | 42.8  | 43.5  | 42.9  | 43.7  | 44.7  | 44.4  | 44.8  | 44.8  | 44.3  | 45.8  | 45.8  |
| Ending stocks           | 23.9  | 22.0  | 21.2  | 24.5  | 23.8  | 25.7  | 23.8  | 21.4  | 20.2  | 21.7  | 20.8  |
| <b>Net exports</b>      | 13.2  | 14.7  | 14.8  | 18.4  | 25.8  | 25.9  | 23.2  | 22.3  | 18.1  | 20.9  | 28.1  |
| <b>Total Demand</b>     | 171.0 | 172.3 | 166.7 | 184.4 | 192.9 | 197.0 | 195.4 | 190.3 | 178.4 | 199.1 | 210.5 |

### Barley Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Australia          | 3.7   | 3.7   | 3.6   | 3.8   | 4.1   | 4.1   | 4.8   | 4.1   | 4.4   | 5.0   | 5.5   |
| Canada             | 2.4   | 2.4   | 2.8   | 2.7   | 2.2   | 2.4   | 2.3   | 2.1   | 2.4   | 2.7   | 2.8   |
| China              | 0.6   | 0.5   | 0.5   | 0.4   | 0.4   | 0.4   | 0.4   | 0.3   | 0.5   | 0.5   | 0.5   |
| EU27               | 12.5  | 11.9  | 12.5  | 12.4  | 12.4  | 12.2  | 11.2  | 10.9  | 11.2  | 11.2  | 11.1  |
| Russia             | 5.0   | 7.7   | 7.6   | 8.0   | 8.8   | 8.0   | 8.0   | 7.7   | 7.8   | 8.4   | 8.2   |
| Ukraine            | 4.3   | 3.7   | 3.3   | 3.2   | 3.2   | 3.0   | 3.0   | 2.7   | 2.6   | 2.8   | 2.6   |
| United States      | 1.0   | 0.9   | 1.3   | 1.2   | 1.0   | 1.3   | 1.0   | 0.8   | 0.8   | 0.9   | 0.9   |
| Rest of world      | 17.5  | 18.2  | 18.6  | 18.8  | 18.5  | 19.3  | 18.8  | 18.9  | 19.2  | 21.1  | 21.0  |
| <b>World total</b> | 47.0  | 49.1  | 50.2  | 50.6  | 50.6  | 50.7  | 49.5  | 47.6  | 48.9  | 52.6  | 52.5  |

## World Barley Supply & Utilization

|                         | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)      |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>   | 48.6  | 47.3  | 47.7  | 48.8  | 48.8  | 48.8  | 48.8  | 48.8  | 48.6  | 48.4  | 48.2  | 48.0  |
| <b>Yield</b>            | 2.99  | 3.15  | 3.17  | 3.22  | 3.23  | 3.25  | 3.28  | 3.31  | 3.34  | 3.38  | 3.41  | 3.44  |
| <b>Supply</b>           | 189.0 | 189.6 | 191.5 | 198.8 | 201.3 | 202.5 | 204.5 | 206.4 | 207.8 | 209.3 | 210.6 | 211.8 |
| Production              | 145.5 | 149.0 | 151.3 | 157.0 | 157.7 | 158.5 | 160.2 | 161.5 | 162.5 | 163.5 | 164.4 | 165.2 |
| Beginning stocks        | 20.8  | 18.1  | 17.8  | 18.9  | 20.7  | 21.2  | 21.5  | 21.9  | 22.4  | 22.7  | 23.1  | 23.4  |
| Net imports             | 22.7  | 22.5  | 22.4  | 22.9  | 22.9  | 22.8  | 22.8  | 22.9  | 23.0  | 23.1  | 23.2  | 23.3  |
| <b>Utilization</b>      | 163.7 | 166.4 | 168.4 | 175.1 | 177.6 | 178.9 | 180.9 | 182.7 | 184.0 | 185.4 | 186.6 | 187.8 |
| Feed and residual       | 99.6  | 102.9 | 102.9 | 106.7 | 108.0 | 108.6 | 109.7 | 110.5 | 111.1 | 111.7 | 112.1 | 112.5 |
| Food, seed & industrial | 46.0  | 45.7  | 46.5  | 47.7  | 48.4  | 48.8  | 49.3  | 49.8  | 50.2  | 50.7  | 51.1  | 51.6  |
| Ending stocks           | 18.1  | 17.8  | 18.9  | 20.7  | 21.2  | 21.5  | 21.9  | 22.4  | 22.7  | 23.1  | 23.4  | 23.8  |
| <b>Net exports</b>      | 25.3  | 23.2  | 23.2  | 23.7  | 23.7  | 23.6  | 23.6  | 23.7  | 23.8  | 23.9  | 24.0  | 24.1  |
| <b>Total Demand</b>     | 189.0 | 189.6 | 191.5 | 198.8 | 201.3 | 202.5 | 204.5 | 206.4 | 207.8 | 209.3 | 210.6 | 211.8 |

## Barley Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Australia          | 4.4   | 4.2   | 4.2   | 4.1   | 4.1   | 4.0   | 3.9   | 3.9   | 3.8   | 3.8   | 3.8   | 3.7   |
| Canada             | 3.0   | 2.6   | 2.7   | 2.8   | 2.8   | 2.9   | 2.9   | 2.9   | 2.9   | 2.9   | 3.0   | 3.0   |
| China              | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| EU27               | 10.3  | 10.5  | 11.0  | 11.3  | 10.9  | 10.6  | 10.5  | 10.5  | 10.4  | 10.3  | 10.2  | 10.2  |
| Russia             | 7.7   | 7.6   | 7.5   | 7.8   | 7.9   | 8.1   | 8.1   | 8.0   | 8.0   | 7.9   | 7.8   | 7.8   |
| Ukraine            | 2.7   | 1.9   | 2.0   | 2.1   | 2.3   | 2.4   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| United States      | 0.8   | 1.0   | 0.9   | 1.0   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.8   | 0.8   | 0.8   |
| Rest of world      | 19.2  | 19.0  | 19.0  | 19.2  | 19.4  | 19.5  | 19.5  | 19.6  | 19.6  | 19.6  | 19.6  | 19.6  |
| <b>World total</b> | 48.6  | 47.3  | 47.7  | 48.8  | 48.8  | 48.8  | 48.8  | 48.8  | 48.6  | 48.4  | 48.2  | 48.0  |

## Barley Trade

|                        | 10/11  | 11/12  | 12/13  | 13/14  | 14/15  | 15/16  | 16/17  | 17/18  | 18/19  | 19/20  | 20/21  |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons) |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>   |        |        |        |        |        |        |        |        |        |        |        |
| Australia              | 4,664  | 5,377  | 4,484  | 6,217  | 5,219  | 5,745  | 9,190  | 5,662  | 3,687  | 3,324  | 8,342  |
| Canada                 | 1,163  | 1,283  | 1,413  | 1,552  | 1,381  | 1,034  | 1,482  | 1,962  | 2,253  | 2,181  | 3,240  |
| EU27                   | 4,695  | 2,552  | 4,900  | 5,697  | 9,459  | 10,542 | 4,411  | 4,547  | 4,005  | 5,932  | 6,179  |
| Russia                 | -105   | 3,084  | 1,907  | 2,483  | 5,296  | 4,164  | 2,737  | 5,800  | 4,647  | 4,436  | 6,215  |
| Ukraine                | 2,757  | 2,421  | 2,134  | 2,462  | 4,456  | 4,407  | 5,346  | 4,283  | 3,545  | 4,983  | 4,139  |
| Total net exports      | 13,174 | 14,717 | 14,838 | 18,411 | 25,811 | 25,892 | 23,166 | 22,254 | 18,137 | 20,856 | 28,115 |
| <b>Net importers</b>   |        |        |        |        |        |        |        |        |        |        |        |
| China                  | 1,647  | 2,537  | 2,182  | 4,891  | 9,859  | 5,869  | 8,104  | 8,144  | 5,181  | 5,969  | 12,049 |
| United States          | 42     | 161    | 314    | 97     | 202    | 170    | 115    | 88     | 21     | 29     | -158   |
| Rest of world          | 9,727  | 12,450 | 12,947 | 13,789 | 16,645 | 17,668 | 14,219 | 15,166 | 12,161 | 14,554 | 16,020 |
| Total net imports      | 11,416 | 15,148 | 15,443 | 18,777 | 26,706 | 23,707 | 22,438 | 23,398 | 17,363 | 20,552 | 27,911 |
| Residual               | 1,758  | -431   | -605   | -366   | -895   | 2,185  | 728    | -1,144 | 774    | 304    | 204    |

## Barley Trade

|                        | 21/22  | 22/23  | 23/24  | 24/25  | 25/26  | 26/27  | 27/28  | 28/29  | 29/30  | 30/31  | 31/32  | 32/33  |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons) |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>   |        |        |        |        |        |        |        |        |        |        |        |        |
| Australia              | 8,250  | 7,200  | 5,545  | 5,333  | 5,163  | 5,065  | 5,027  | 4,985  | 4,955  | 4,936  | 4,918  | 4,901  |
| Canada                 | 1,753  | 2,963  | 3,209  | 3,036  | 2,988  | 3,013  | 2,950  | 2,865  | 2,786  | 2,723  | 2,679  | 2,608  |
| EU27                   | 6,340  | 5,205  | 7,686  | 7,509  | 6,437  | 5,778  | 5,681  | 5,853  | 6,162  | 6,489  | 6,801  | 7,145  |
| Russia                 | 3,250  | 5,450  | 4,323  | 4,876  | 5,424  | 5,687  | 5,648  | 5,530  | 5,405  | 5,281  | 5,162  | 5,046  |
| Ukraine                | 5,704  | 2,399  | 2,420  | 2,977  | 3,723  | 4,053  | 4,319  | 4,471  | 4,462  | 4,439  | 4,398  | 4,356  |
| Total net exports      | 25,297 | 23,217 | 23,183 | 23,730 | 23,735 | 23,597 | 23,624 | 23,704 | 23,770 | 23,868 | 23,959 | 24,056 |
| <b>Net importers</b>   |        |        |        |        |        |        |        |        |        |        |        |        |
| China                  | 8,282  | 8,983  | 9,199  | 9,403  | 9,490  | 9,497  | 9,512  | 9,518  | 9,515  | 9,523  | 9,534  | 9,549  |
| United States          | 158    | 187    | 124    | 91     | 32     | 42     | 56     | 70     | 86     | 104    | 121    | 138    |
| Rest of world          | 14,288 | 13,292 | 13,063 | 13,440 | 13,416 | 13,261 | 13,259 | 13,319 | 13,372 | 13,444 | 13,507 | 13,572 |
| Total net imports      | 22,728 | 22,462 | 22,386 | 22,933 | 22,938 | 22,800 | 22,827 | 22,907 | 22,973 | 23,071 | 23,162 | 23,259 |
| Residual               | 2,569  | 755    | 797    | 797    | 797    | 797    | 797    | 797    | 797    | 797    | 797    | 797    |

## World Cotton Supply & Utilization

|                         | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)      |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>   | 33.8  | 36.1  | 34.3  | 32.8  | 33.8  | 30.7  | 29.9  | 33.7  | 33.2  | 34.5  | 31.4  |
| (Kilograms per hectare) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>            | 755   | 769   | 786   | 798   | 767   | 681   | 782   | 804   | 777   | 759   | 774   |
| (Million bales)         |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>           | 188.3 | 208.8 | 228.5 | 237.6 | 242.2 | 226.5 | 222.5 | 234.9 | 230.1 | 230.7 | 246.1 |
| Production              | 117.2 | 127.3 | 123.9 | 120.3 | 119.2 | 96.1  | 107.3 | 124.4 | 118.5 | 120.2 | 111.5 |
| Beginning stocks        | 46.3  | 49.5  | 72.7  | 90.2  | 101.1 | 108.0 | 91.5  | 82.0  | 82.8  | 82.6  | 98.4  |
| Net imports             | 24.7  | 32.0  | 32.0  | 27.1  | 21.9  | 22.4  | 23.7  | 28.5  | 28.8  | 28.0  | 36.2  |
| <b>Utilization</b>      | 165.0 | 176.5 | 198.1 | 210.6 | 220.2 | 204.8 | 198.6 | 206.4 | 202.3 | 202.5 | 209.9 |
| Mill & other            | 115.5 | 103.8 | 107.9 | 109.6 | 112.2 | 113.2 | 116.6 | 123.6 | 119.8 | 104.1 | 123.1 |
| Ending stocks           | 49.5  | 72.7  | 90.2  | 101.1 | 108.0 | 91.5  | 82.0  | 82.8  | 82.6  | 98.4  | 86.8  |
| <b>Net exports</b>      | 23.2  | 32.6  | 30.8  | 27.0  | 21.6  | 21.6  | 23.9  | 28.6  | 27.8  | 28.4  | 36.2  |
| <b>Unaccounted</b>      | 0.1   | -0.2  | -0.4  | 0.1   | 0.3   | 0.2   | 0.0   | -0.1  | -0.1  | -0.1  | -0.1  |
| <b>Total Demand</b>     | 188.3 | 208.8 | 228.5 | 237.6 | 242.2 | 226.5 | 222.5 | 234.9 | 230.1 | 230.7 | 246.1 |

### Cotton Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 0.6   | 0.5   | 0.4   | 0.5   | 0.5   | 0.4   | 0.2   | 0.3   | 0.3   | 0.4   | 0.4   |
| Australia          | 0.6   | 0.7   | 0.4   | 0.4   | 0.2   | 0.3   | 0.6   | 0.5   | 0.4   | 0.1   | 0.3   |
| Brazil             | 1.4   | 1.4   | 0.9   | 1.1   | 1.0   | 1.0   | 0.9   | 1.2   | 1.6   | 1.7   | 1.4   |
| China              | 5.3   | 5.5   | 5.3   | 4.8   | 4.4   | 3.1   | 2.9   | 3.4   | 3.4   | 3.4   | 3.2   |
| EU27               | 0.3   | 0.4   | 0.4   | 0.3   | 0.4   | 0.3   | 0.3   | 0.3   | 0.3   | 0.4   | 0.3   |
| India              | 11.3  | 12.2  | 12.0  | 12.0  | 12.8  | 12.3  | 10.9  | 12.6  | 12.6  | 13.4  | 13.3  |
| United States      | 4.3   | 3.8   | 3.8   | 3.1   | 3.8   | 3.3   | 3.8   | 4.5   | 4.0   | 4.7   | 3.3   |
| Rest of world      | 10.1  | 11.6  | 11.2  | 10.6  | 10.8  | 10.2  | 10.2  | 10.9  | 10.5  | 10.5  | 9.2   |
| <b>World total</b> | 33.8  | 36.1  | 34.3  | 32.8  | 33.8  | 30.7  | 29.9  | 33.7  | 33.2  | 34.5  | 31.4  |

## World Cotton Supply & Utilization

|                         | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)      |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>   | 32.3  | 32.4  | 33.0  | 32.8  | 32.5  | 32.6  | 32.7  | 32.8  | 32.9  | 33.0  | 33.0  | 33.0  |
| (Kilograms per hectare) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>            | 780   | 782   | 809   | 813   | 821   | 830   | 840   | 850   | 860   | 870   | 880   | 889   |
| (Million bales)         |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>           | 233.1 | 232.7 | 242.3 | 247.6 | 249.7 | 251.3 | 253.2 | 255.5 | 258.1 | 260.8 | 263.6 | 266.4 |
| Production              | 115.8 | 116.4 | 122.7 | 122.4 | 122.5 | 124.1 | 126.2 | 128.2 | 130.0 | 131.7 | 133.4 | 135.0 |
| Beginning stocks        | 86.8  | 85.6  | 87.1  | 92.2  | 93.4  | 92.4  | 91.3  | 90.9  | 90.9  | 91.2  | 91.7  | 92.2  |
| Net imports             | 30.5  | 30.6  | 32.4  | 33.1  | 33.7  | 34.8  | 35.7  | 36.5  | 37.2  | 37.9  | 38.5  | 39.2  |
| <b>Utilization</b>      | 203.0 | 202.1 | 210.5 | 215.4 | 216.8 | 217.5 | 218.5 | 220.0 | 221.9 | 223.9 | 226.1 | 228.2 |
| Mill & other            | 117.4 | 115.0 | 118.4 | 122.0 | 124.4 | 126.1 | 127.6 | 129.1 | 130.7 | 132.3 | 133.9 | 135.4 |
| Ending stocks           | 85.6  | 87.1  | 92.2  | 93.4  | 92.4  | 91.3  | 90.9  | 90.9  | 91.2  | 91.7  | 92.2  | 92.8  |
| <b>Net exports</b>      | 30.4  | 30.6  | 32.2  | 32.9  | 33.6  | 34.6  | 35.5  | 36.3  | 37.1  | 37.7  | 38.4  | 39.0  |
| <b>Unaccounted</b>      | -0.4  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  | -0.1  |
| <b>Total Demand</b>     | 233.1 | 232.6 | 242.7 | 248.2 | 250.3 | 252.0 | 253.9 | 256.2 | 258.8 | 261.5 | 264.3 | 267.1 |

## Cotton Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 0.5   | 0.4   | 0.5   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   |
| Australia          | 0.6   | 0.6   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| Brazil             | 1.6   | 1.6   | 1.5   | 1.4   | 1.3   | 1.4   | 1.4   | 1.4   | 1.4   | 1.5   | 1.5   | 1.5   |
| China              | 3.1   | 3.0   | 3.1   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   |
| EU27               | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   |
| India              | 12.2  | 13.0  | 12.9  | 12.7  | 12.5  | 12.5  | 12.6  | 12.6  | 12.7  | 12.7  | 12.7  | 12.7  |
| United States      | 4.2   | 3.2   | 3.7   | 3.8   | 3.8   | 3.9   | 3.9   | 3.9   | 3.9   | 3.9   | 3.9   | 3.9   |
| Rest of world      | 9.9   | 10.3  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  |
| <b>World total</b> | 32.3  | 32.4  | 33.0  | 32.8  | 32.5  | 32.6  | 32.7  | 32.8  | 32.9  | 33.0  | 33.0  | 33.0  |

## Cotton Trade

|                      | 10/11  | 11/12  | 12/13  | 13/14  | 14/15  | 15/16  | 16/17  | 17/18  | 18/19  | 19/20  | 20/21  |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand bales)     |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b> |        |        |        |        |        |        |        |        |        |        |        |
| Argentina            | 288    | 376    | 223    | 187    | 375    | 210    | 250    | 156    | 540    | 390    | 563    |
| Australia            | 2,500  | 4,640  | 6,168  | 4,852  | 2,404  | 2,828  | 3,731  | 3,915  | 3,632  | 1,359  | 1,581  |
| Brazil               | 1,297  | 4,763  | 4,242  | 2,083  | 3,886  | 4,223  | 2,600  | 4,092  | 6,001  | 8,932  | 11,002 |
| EU27                 | -56    | 631    | 552    | 731    | 758    | 502    | 634    | 639    | 1,075  | 1,241  | 1,397  |
| India                | 4,800  | 10,480 | 6,574  | 8,586  | 2,973  | 4,692  | 1,814  | 3,505  | 1,721  | 920    | 5,345  |
| United States        | 14,367 | 11,695 | 13,016 | 10,517 | 11,234 | 9,120  | 14,910 | 16,278 | 14,830 | 15,509 | 16,350 |
| Total net exports    | 23,196 | 32,585 | 30,775 | 26,956 | 21,630 | 21,575 | 23,939 | 28,585 | 27,799 | 28,351 | 36,238 |
| <b>Net importers</b> |        |        |        |        |        |        |        |        |        |        |        |
| China                | 11,857 | 24,478 | 20,280 | 14,096 | 8,213  | 4,278  | 4,979  | 5,572  | 9,415  | 6,980  | 12,850 |
| Rest of world        | 12,878 | 7,535  | 11,678 | 13,003 | 13,706 | 18,110 | 18,746 | 22,940 | 19,350 | 21,017 | 23,353 |
| Total net imports    | 24,735 | 32,013 | 31,958 | 27,099 | 21,919 | 22,388 | 23,725 | 28,512 | 28,765 | 27,997 | 36,203 |
| Residual             | -1,539 | 572    | -1,183 | -143   | -289   | -813   | 214    | 73     | -966   | 354    | 35     |

## Cotton Trade

|                      | 21/22  | 22/23  | 23/24  | 24/25  | 25/26  | 26/27  | 27/28  | 28/29  | 29/30  | 30/31  | 31/32  | 32/33  |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand bales)     |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Argentina            | 658    | 699    | 781    | 796    | 776    | 759    | 759    | 773    | 792    | 811    | 827    | 841    |
| Australia            | 3,577  | 6,200  | 5,454  | 5,522  | 5,437  | 5,358  | 5,347  | 5,405  | 5,494  | 5,590  | 5,686  | 5,785  |
| Brazil               | 7,703  | 8,384  | 8,683  | 8,190  | 8,125  | 8,420  | 8,828  | 9,275  | 9,728  | 10,175 | 10,622 | 11,078 |
| EU27                 | 1,125  | 904    | 981    | 910    | 786    | 721    | 691    | 666    | 638    | 608    | 578    | 550    |
| India                | 2,743  | 1,897  | 2,612  | 2,614  | 2,608  | 2,734  | 2,815  | 2,837  | 2,816  | 2,778  | 2,737  | 2,702  |
| United States        | 14,617 | 12,504 | 13,737 | 14,884 | 15,846 | 16,621 | 17,100 | 17,389 | 17,595 | 17,772 | 17,929 | 18,046 |
| Total net exports    | 30,423 | 30,587 | 32,248 | 32,916 | 33,578 | 34,612 | 35,541 | 36,345 | 37,063 | 37,734 | 38,380 | 39,001 |
| <b>Net importers</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| China                | 7,720  | 8,426  | 7,963  | 8,046  | 8,066  | 8,112  | 8,216  | 8,288  | 8,336  | 8,372  | 8,406  | 8,433  |
| Rest of world        | 22,829 | 22,180 | 24,441 | 25,026 | 25,668 | 26,656 | 27,480 | 28,213 | 28,884 | 29,517 | 30,130 | 30,724 |
| Total net imports    | 30,549 | 30,605 | 32,404 | 33,072 | 33,734 | 34,768 | 35,696 | 36,501 | 37,219 | 37,890 | 38,536 | 39,157 |
| Residual             | -126   | -18    | -156   | -156   | -156   | -156   | -156   | -156   | -156   | -156   | -156   | -156   |

## World Soybean Supply & Utilization

|                       | 10/11                     | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-----------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)    |                           |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b> | 103.7                     | 103.2 | 110.4 | 113.0 | 119.1 | 120.7 | 120.1 | 125.0 | 125.5 | 123.2 | 129.0 |
|                       | (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>          | 2.55                      | 2.33  | 2.44  | 2.50  | 2.70  | 2.62  | 2.92  | 2.75  | 2.89  | 2.76  | 2.86  |
|                       | (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         | 408.3                     | 400.1 | 411.3 | 442.0 | 497.1 | 515.3 | 557.8 | 575.2 | 588.2 | 599.9 | 610.1 |
| Production            | 264.8                     | 241.0 | 269.1 | 282.9 | 321.4 | 315.7 | 350.5 | 343.8 | 362.7 | 340.4 | 368.5 |
| Beginning stocks      | 62.9                      | 73.3  | 57.9  | 58.7  | 64.1  | 79.3  | 79.1  | 95.3  | 99.9  | 114.3 | 94.7  |
| Net imports           | 80.5                      | 85.8  | 84.3  | 100.3 | 111.6 | 120.3 | 128.2 | 136.1 | 125.7 | 145.3 | 146.9 |
| <b>Utilization</b>    | 325.9                     | 317.2 | 323.8 | 342.1 | 383.5 | 395.9 | 427.1 | 439.9 | 459.4 | 454.2 | 463.8 |
| Crush                 | 222.3                     | 229.3 | 232.0 | 243.1 | 265.1 | 275.8 | 288.2 | 295.4 | 298.6 | 312.3 | 315.4 |
| Other utilization     | 30.3                      | 30.0  | 33.1  | 34.9  | 39.0  | 40.9  | 43.6  | 44.5  | 46.5  | 47.2  | 48.3  |
| Ending Stocks         | 73.3                      | 57.9  | 58.7  | 64.1  | 79.3  | 79.1  | 95.3  | 99.9  | 114.3 | 94.7  | 100.0 |
| <b>Net Exports</b>    | 82.4                      | 82.9  | 87.5  | 99.8  | 113.6 | 119.4 | 130.7 | 135.3 | 128.9 | 145.7 | 146.3 |
| <b>Total Demand</b>   | 408.3                     | 400.1 | 411.3 | 442.0 | 497.1 | 515.3 | 557.8 | 575.2 | 588.2 | 599.9 | 610.1 |

### Soybean Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 18.3  | 17.6  | 19.8  | 19.3  | 19.4  | 19.4  | 17.3  | 16.3  | 16.6  | 16.7  | 16.5  |
| Brazil             | 24.2  | 25.0  | 27.7  | 30.1  | 32.1  | 33.3  | 33.9  | 35.2  | 35.9  | 36.9  | 39.5  |
| Canada             | 1.5   | 1.6   | 1.7   | 1.9   | 2.3   | 2.2   | 2.2   | 2.9   | 2.5   | 2.3   | 2.0   |
| China              | 8.7   | 8.1   | 7.4   | 7.1   | 7.1   | 6.8   | 7.6   | 8.2   | 8.4   | 9.3   | 9.9   |
| EU27               | 0.4   | 0.4   | 0.4   | 0.5   | 0.6   | 0.9   | 0.8   | 1.0   | 0.9   | 0.9   | 1.0   |
| India              | 9.6   | 10.1  | 10.8  | 11.7  | 10.9  | 11.6  | 11.2  | 10.3  | 11.1  | 12.2  | 12.9  |
| Mexico             | 0.2   | 0.2   | 0.1   | 0.2   | 0.2   | 0.3   | 0.3   | 0.3   | 0.2   | 0.2   | 0.2   |
| United States      | 31.0  | 29.9  | 30.8  | 30.9  | 33.4  | 33.1  | 33.5  | 36.2  | 35.4  | 30.3  | 33.4  |
| Rest of world      | 9.8   | 10.4  | 11.6  | 11.6  | 13.2  | 13.1  | 13.3  | 14.6  | 14.3  | 14.4  | 13.6  |
| <b>World total</b> | 103.7 | 103.2 | 110.4 | 113.0 | 119.1 | 120.7 | 120.1 | 125.0 | 125.5 | 123.2 | 129.0 |

## World Soybean Supply & Utilization

|                       | 21/22                     | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-----------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)    |                           |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b> | 130.9                     | 135.0 | 135.2 | 135.9 | 137.1 | 137.4 | 137.8 | 138.4 | 139.1 | 139.7 | 140.3 | 140.8 |
|                       | (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>          | 2.72                      | 2.89  | 2.93  | 2.96  | 3.00  | 3.03  | 3.06  | 3.10  | 3.13  | 3.16  | 3.19  | 3.23  |
|                       | (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         | 597.7                     | 632.9 | 650.6 | 668.0 | 684.4 | 697.9 | 710.5 | 723.1 | 736.0 | 748.8 | 761.7 | 774.5 |
| Production            | 355.6                     | 390.5 | 396.0 | 402.6 | 410.9 | 416.3 | 422.1 | 428.5 | 435.2 | 441.7 | 448.1 | 454.3 |
| Beginning stocks      | 100.0                     | 94.7  | 102.1 | 108.5 | 113.4 | 118.6 | 122.5 | 126.0 | 129.5 | 133.2 | 137.1 | 141.1 |
| Net imports           | 142.1                     | 147.7 | 152.5 | 156.9 | 160.2 | 163.1 | 165.9 | 168.6 | 171.3 | 173.9 | 176.5 | 179.1 |
| <b>Utilization</b>    | 457.8                     | 482.3 | 497.6 | 510.5 | 523.6 | 534.3 | 544.1 | 553.9 | 564.1 | 574.3 | 584.6 | 594.9 |
| Crush                 | 314.5                     | 329.4 | 337.0 | 344.4 | 351.5 | 357.5 | 363.1 | 368.8 | 374.6 | 380.4 | 386.1 | 391.9 |
| Other utilization     | 48.7                      | 50.8  | 52.1  | 52.8  | 53.6  | 54.3  | 55.0  | 55.7  | 56.3  | 56.9  | 57.4  | 58.0  |
| Ending Stocks         | 94.7                      | 102.1 | 108.5 | 113.4 | 118.6 | 122.5 | 126.0 | 129.5 | 133.2 | 137.1 | 141.1 | 145.0 |
| <b>Net Exports</b>    | 139.9                     | 150.6 | 153.0 | 157.5 | 160.8 | 163.6 | 166.4 | 169.2 | 171.9 | 174.5 | 177.0 | 179.7 |
| <b>Total Demand</b>   | 597.7                     | 632.9 | 650.6 | 668.0 | 684.4 | 697.9 | 710.5 | 723.1 | 736.0 | 748.8 | 761.7 | 774.5 |

### Soybean Area Harvested

|                      | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)   |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Argentina</b>     | 15.9  | 16.5  | 16.3  | 16.6  | 16.9  | 17.0  | 17.1  | 17.2  | 17.3  | 17.3  | 17.4  | 17.4  |
| <b>Brazil</b>        | 41.5  | 42.9  | 43.5  | 44.0  | 44.5  | 44.8  | 45.1  | 45.5  | 45.9  | 46.3  | 46.7  | 47.1  |
| <b>Canada</b>        | 2.1   | 2.1   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.1   | 2.1   | 2.1   | 2.1   | 2.1   |
| <b>China</b>         | 8.4   | 9.4   | 9.6   | 9.3   | 9.3   | 9.2   | 9.2   | 9.2   | 9.2   | 9.3   | 9.3   | 9.4   |
| <b>EU27</b>          | 1.0   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   | 1.1   |
| <b>India</b>         | 12.5  | 12.7  | 12.8  | 12.8  | 12.9  | 12.9  | 12.9  | 13.0  | 13.1  | 13.1  | 13.1  | 13.2  |
| <b>Mexico</b>        | 0.2   | 0.2   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| <b>United States</b> | 34.9  | 35.1  | 34.6  | 34.6  | 34.9  | 34.8  | 34.9  | 35.0  | 35.0  | 35.0  | 35.0  | 35.0  |
| <b>Rest of world</b> | 15.2  | 15.1  | 15.1  | 15.2  | 15.2  | 15.2  | 15.2  | 15.2  | 15.3  | 15.3  | 15.3  | 15.3  |
| <b>World total</b>   | 131.7 | 135.0 | 135.2 | 136.0 | 137.1 | 137.4 | 137.8 | 138.5 | 139.1 | 139.7 | 140.3 | 140.8 |

## Soybean Trade

|                           | 10/11  | 11/12  | 12/13  | 13/14   | 14/15   | 15/16   | 16/17   | 17/18   | 18/19   | 19/20   | 20/21   |
|---------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Thousand metric tons)    |        |        |        |         |         |         |         |         |         |         |         |
| <b>Net exporters</b>      |        |        |        |         |         |         |         |         |         |         |         |
| Argentina                 | 9,193  | 7,368  | 7,736  | 7,841   | 10,573  | 9,246   | 5,351   | -2,571  | 2,696   | 5,122   | 379     |
| Brazil                    | 29,914 | 36,129 | 41,509 | 46,224  | 50,307  | 53,973  | 62,885  | 75,961  | 74,747  | 91,586  | 80,635  |
| Canada                    | 2,693  | 2,703  | 3,200  | 3,129   | 3,518   | 3,950   | 4,106   | 4,437   | 4,086   | 3,646   | 4,190   |
| United States             | 40,566 | 36,747 | 35,026 | 42,641  | 49,232  | 52,228  | 58,358  | 57,477  | 47,338  | 45,381  | 61,126  |
| Total net exports         | 82,366 | 82,947 | 87,471 | 99,835  | 113,630 | 119,397 | 130,700 | 135,304 | 128,867 | 145,735 | 146,330 |
| <b>Net importers</b>      |        |        |        |         |         |         |         |         |         |         |         |
| China                     | 52,149 | 58,956 | 59,599 | 70,149  | 78,207  | 83,116  | 93,381  | 93,959  | 82,421  | 98,442  | 99,670  |
| EU27                      | 12,377 | 12,016 | 12,446 | 13,236  | 13,798  | 14,976  | 12,487  | 13,588  | 14,119  | 14,788  | 14,599  |
| India                     | -18    | -38    | -115   | -179    | -223    | -81     | -189    | -51     | 39      | 440     | 516     |
| Mexico                    | 3,498  | 3,606  | 3,409  | 3,842   | 3,819   | 4,126   | 4,479   | 5,134   | 5,933   | 5,743   | 6,101   |
| Rest of world             | 12,528 | 11,276 | 8,935  | 13,294  | 16,004  | 18,163  | 18,060  | 23,433  | 23,186  | 25,906  | 25,979  |
| Total net imports         | 80,534 | 85,816 | 84,274 | 100,342 | 111,605 | 120,300 | 128,218 | 136,063 | 125,698 | 145,319 | 146,865 |
| Residual                  | 1,832  | -2,869 | 3,197  | -507    | 2,025   | -903    | 2,482   | -759    | 3,169   | 416     | -535    |
| Soybean price, Central IL | 482    | 505    | 537    | 487     | 356     | 346     | 351     | 337     | 307     | 325     | 495     |
| (Dollars per metric ton)  |        |        |        |         |         |         |         |         |         |         |         |

## Soybean Trade

|                                  | 21/22   | 22/23   | 23/24   | 24/25   | 25/26   | 26/27   | 27/28   | 28/29   | 29/30   | 30/31   | 31/32   | 32/33   |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (Thousand metric tons)           |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Net exporters</b>             |         |         |         |         |         |         |         |         |         |         |         |         |
| Argentina                        | -978    | 2,410   | 578     | 1,118   | 2,239   | 2,819   | 3,158   | 3,437   | 3,713   | 3,979   | 4,232   | 4,447   |
| Brazil                           | 78,816  | 88,796  | 95,566  | 98,656  | 100,288 | 102,099 | 103,835 | 105,523 | 107,237 | 109,047 | 110,936 | 112,977 |
| Canada                           | 3,735   | 3,900   | 3,811   | 3,895   | 3,919   | 3,898   | 3,887   | 3,891   | 3,903   | 3,917   | 3,931   | 3,944   |
| United States                    | 58,288  | 55,465  | 53,094  | 53,807  | 54,308  | 54,824  | 55,570  | 56,361  | 57,007  | 57,527  | 57,933  | 58,282  |
| Total net exports                | 139,861 | 150,571 | 153,048 | 157,476 | 160,754 | 163,640 | 166,450 | 169,212 | 171,860 | 174,470 | 177,033 | 179,651 |
| <b>Net importers</b>             |         |         |         |         |         |         |         |         |         |         |         |         |
| China                            | 91,464  | 98,187  | 101,487 | 104,412 | 106,393 | 108,250 | 110,225 | 112,265 | 114,253 | 116,251 | 118,237 | 120,302 |
| EU27                             | 13,830  | 14,578  | 14,759  | 14,431  | 14,452  | 14,463  | 14,480  | 14,530  | 14,612  | 14,703  | 14,802  | 14,906  |
| India                            | 480     | 295     | 229     | 214     | 237     | 245     | 253     | 264     | 276     | 288     | 300     | 311     |
| Mexico                           | 5,800   | 6,396   | 6,530   | 6,592   | 6,639   | 6,663   | 6,666   | 6,656   | 6,640   | 6,618   | 6,589   | 6,555   |
| Rest of world                    | 30,504  | 28,253  | 29,479  | 31,262  | 32,468  | 33,455  | 34,261  | 34,933  | 35,515  | 36,046  | 36,541  | 37,012  |
| Total net imports                | 142,078 | 147,709 | 152,484 | 156,911 | 160,190 | 163,075 | 165,885 | 168,648 | 171,295 | 173,905 | 176,468 | 179,086 |
| Residual                         | -2,217  | 2,862   | 564     | 564     | 564     | 564     | 564     | 564     | 564     | 564     | 564     | 564     |
| (Dollars per metric ton)         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Soybean price, Central IL</b> | 551     | 514     | 454     | 451     | 435     | 427     | 423     | 419     | 413     | 406     | 397     | 390     |

## World Soybean Products Supply & Utilization

|                       | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Soybean Meal</b>   |       |       |       |       |       |       |       |       |       |       |       |
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         |       |       |       |       |       |       |       |       |       |       |       |
| Production            | 234.9 | 243.7 | 242.0 | 252.1 | 273.6 | 286.1 | 294.5 | 302.3 | 305.0 | 314.5 | 317.3 |
| Beginning stocks      | 175.0 | 180.9 | 182.3 | 190.5 | 208.6 | 216.4 | 226.1 | 232.7 | 233.9 | 245.3 | 247.8 |
| Net imports           | 6.9   | 9.3   | 10.7  | 10.0  | 11.1  | 14.5  | 14.3  | 14.8  | 16.3  | 16.0  | 15.5  |
|                       | 52.9  | 53.4  | 49.0  | 51.6  | 53.9  | 55.3  | 54.2  | 54.9  | 54.8  | 53.2  | 54.0  |
| <b>Utilization</b>    |       |       |       |       |       |       |       |       |       |       |       |
| Consumption           | 179.9 | 188.6 | 189.0 | 197.8 | 216.1 | 227.7 | 236.4 | 244.8 | 245.5 | 255.8 | 257.9 |
| Ending Stocks         | 170.6 | 177.9 | 179.0 | 186.7 | 201.6 | 213.4 | 221.6 | 228.4 | 229.5 | 240.3 | 243.7 |
|                       | 9.3   | 10.7  | 10.0  | 11.1  | 14.5  | 14.3  | 14.8  | 16.3  | 16.0  | 15.5  | 14.3  |
| <b>Net Exports</b>    |       |       |       |       |       |       |       |       |       |       |       |
|                       | 55.0  | 55.1  | 53.1  | 54.3  | 57.5  | 58.4  | 58.3  | 57.6  | 59.5  | 58.7  | 59.3  |
| <b>Total Demand</b>   |       |       |       |       |       |       |       |       |       |       |       |
|                       | 234.9 | 243.7 | 242.0 | 252.1 | 273.6 | 286.1 | 294.7 | 302.3 | 305.0 | 314.5 | 317.3 |
| <b>Soybean Oil</b>    |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         |       |       |       |       |       |       |       |       |       |       |       |
| Production            | 52.1  | 53.4  | 53.9  | 56.2  | 60.5  | 64.9  | 66.1  | 66.2  | 67.6  | 70.5  | 72.1  |
| Beginning stocks      | 41.5  | 42.8  | 43.4  | 45.3  | 49.3  | 51.7  | 53.9  | 55.3  | 56.1  | 58.5  | 59.2  |
| Net imports           | 3.7   | 4.4   | 4.3   | 4.3   | 4.0   | 4.6   | 4.0   | 4.1   | 4.3   | 4.7   | 5.4   |
|                       | 6.9   | 6.2   | 6.2   | 6.6   | 7.2   | 8.7   | 8.2   | 6.7   | 7.2   | 7.3   | 7.5   |
| <b>Utilization</b>    |       |       |       |       |       |       |       |       |       |       |       |
| Consumption           | 44.9  | 46.8  | 46.8  | 49.4  | 52.3  | 56.1  | 57.7  | 58.6  | 59.8  | 62.3  | 63.7  |
| Ending Stocks         | 40.4  | 42.5  | 42.6  | 45.5  | 47.7  | 52.1  | 53.6  | 54.4  | 55.1  | 57.0  | 58.4  |
|                       | 4.4   | 4.3   | 4.3   | 4.0   | 4.6   | 4.0   | 4.1   | 4.3   | 4.7   | 5.4   | 5.3   |
| <b>Net Exports</b>    |       |       |       |       |       |       |       |       |       |       |       |
|                       | 7.2   | 6.7   | 7.1   | 6.7   | 8.2   | 8.8   | 8.4   | 7.5   | 7.7   | 8.2   | 8.4   |
| <b>Total Demand</b>   |       |       |       |       |       |       |       |       |       |       |       |
|                       | 52.1  | 53.4  | 53.9  | 56.2  | 60.5  | 64.9  | 66.1  | 66.2  | 67.6  | 70.5  | 72.1  |

## World Soybean Products Supply & Utilization

|                       | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Soybean Meal</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         |       |       |       |       |       |       |       |       |       |       |       |       |
| Production            | 316.0 | 328.5 | 336.9 | 344.5 | 351.9 | 358.3 | 364.2 | 370.3 | 376.4 | 382.5 | 388.4 | 394.5 |
| Beginning stocks      | 246.8 | 258.6 | 264.5 | 270.4 | 275.9 | 280.6 | 285.0 | 289.5 | 294.0 | 298.6 | 303.0 | 307.6 |
| Net imports           | 14.3  | 13.7  | 14.5  | 15.0  | 15.5  | 16.0  | 16.5  | 16.9  | 17.2  | 17.6  | 18.0  | 18.3  |
| <b>Utilization</b>    |       |       |       |       |       |       |       |       |       |       |       |       |
| Consumption           | 257.2 | 267.4 | 274.8 | 281.1 | 287.2 | 292.3 | 297.2 | 302.1 | 307.0 | 311.9 | 316.7 | 321.6 |
| Ending Stocks         | 243.4 | 252.9 | 259.7 | 265.6 | 271.1 | 275.8 | 280.3 | 284.8 | 289.4 | 293.9 | 298.3 | 302.9 |
| <b>Net Exports</b>    |       |       |       |       |       |       |       |       |       |       |       |       |
| Total Demand          | 13.7  | 14.5  | 15.0  | 15.5  | 16.0  | 16.5  | 16.9  | 17.2  | 17.6  | 18.0  | 18.3  | 18.7  |
| <b>Total Demand</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Soybean Oil</b>    |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         |       |       |       |       |       |       |       |       |       |       |       |       |
| Production            | 72.1  | 73.8  | 75.9  | 77.3  | 78.7  | 80.0  | 81.3  | 82.7  | 84.0  | 85.2  | 86.5  | 87.7  |
| Beginning stocks      | 59.3  | 61.9  | 63.4  | 64.7  | 66.1  | 67.2  | 68.2  | 69.3  | 70.4  | 71.5  | 72.6  | 73.6  |
| Net imports           | 5.3   | 4.4   | 4.9   | 5.0   | 5.0   | 5.1   | 5.2   | 5.3   | 5.5   | 5.6   | 5.7   | 5.8   |
| <b>Utilization</b>    |       |       |       |       |       |       |       |       |       |       |       |       |
| Consumption           | 63.7  | 65.3  | 67.6  | 69.0  | 70.4  | 71.6  | 72.8  | 74.0  | 75.2  | 76.4  | 77.6  | 78.7  |
| Ending Stocks         | 59.3  | 60.4  | 62.7  | 64.0  | 65.3  | 66.4  | 67.5  | 68.5  | 69.6  | 70.7  | 71.8  | 72.9  |
| <b>Net Exports</b>    |       |       |       |       |       |       |       |       |       |       |       |       |
| Total Demand          | 4.4   | 4.9   | 5.0   | 5.0   | 5.1   | 5.2   | 5.3   | 5.5   | 5.6   | 5.7   | 5.8   | 5.8   |
| <b>Total Demand</b>   |       |       |       |       |       |       |       |       |       |       |       |       |

## Soybean Meal Trade

|                            | 10/11  | 11/12  | 12/13  | 13/14  | 14/15  | 15/16  | 16/17  | 17/18  | 18/19  | 19/20  | 20/21  |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons)     |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>       |        |        |        |        |        |        |        |        |        |        |        |
| Argentina                  | 27,615 | 26,043 | 23,667 | 24,972 | 28,574 | 30,333 | 31,323 | 26,264 | 28,806 | 27,460 | 28,324 |
| Brazil                     | 13,929 | 14,648 | 13,210 | 13,922 | 14,272 | 15,382 | 13,727 | 16,014 | 16,073 | 17,489 | 16,558 |
| China                      | 178    | 853    | 1,349  | 1,997  | 1,537  | 1,885  | 1,050  | 1,175  | 915    | 961    | 978    |
| India                      | 5,161  | 4,870  | 4,936  | 3,245  | 1,514  | 363    | 2,009  | 1,853  | 2,136  | 863    | 1,789  |
| United States              | 8,075  | 8,649  | 9,889  | 10,157 | 11,589 | 10,485 | 10,192 | 12,279 | 11,521 | 11,969 | 11,694 |
| Total net exports          | 54,958 | 55,063 | 53,051 | 54,293 | 57,486 | 58,448 | 58,301 | 57,585 | 59,451 | 58,742 | 59,343 |
| <b>Net importers</b>       |        |        |        |        |        |        |        |        |        |        |        |
| Canada                     | 866    | 965    | 738    | 740    | 721    | 454    | 546    | 656    | 592    | 821    | 899    |
| EU27                       | 21,268 | 19,988 | 16,405 | 17,844 | 19,261 | 18,909 | 16,619 | 16,222 | 16,444 | 15,455 | 15,666 |
| Mexico                     | 1,493  | 1,537  | 1,282  | 1,391  | 1,780  | 2,353  | 2,048  | 1,850  | 1,879  | 1,810  | 1,848  |
| Rest of world              | 29,292 | 30,891 | 30,600 | 31,657 | 32,101 | 33,569 | 34,940 | 36,154 | 35,839 | 35,064 | 35,567 |
| Total net imports          | 52,919 | 53,381 | 49,025 | 51,632 | 53,863 | 55,285 | 54,153 | 54,882 | 54,754 | 53,150 | 53,980 |
| Residual                   | 2,039  | 1,682  | 4,026  | 2,661  | 3,623  | 3,163  | 4,148  | 2,703  | 4,697  | 5,592  | 5,363  |
| Soymeal price 48%, Decatur | 381    | 434    | 516    | 540    | 406    | 358    | 349    | 380    | 340    | 330    | 432    |
| (Dollars per metric ton)   |        |        |        |        |        |        |        |        |        |        |        |

## Soybean Oil Trade

|                          | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)   |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>     |       |       |       |       |       |       |       |       |       |       |       |
| Argentina                | 4,561 | 3,794 | 4,151 | 4,078 | 5,072 | 5,698 | 5,387 | 4,163 | 5,268 | 5,404 | 6,137 |
| Brazil                   | 1,668 | 1,885 | 1,245 | 1,378 | 1,499 | 1,487 | 1,181 | 1,466 | 1,061 | 1,090 | 1,013 |
| Canada                   | 34    | 44    | 74    | 62    | 90    | 132   | 152   | 136   | 146   | 117   | 71    |
| EU27                     | -443  | 356   | 689   | 437   | 757   | 590   | 667   | 786   | 558   | 426   | 571   |
| United States            | 1,394 | 596   | 892   | 777   | 794   | 887   | 1,014 | 956   | 700   | 1,142 | 648   |
| Total net exports        | 7,214 | 6,675 | 7,051 | 6,732 | 8,212 | 8,794 | 8,401 | 7,507 | 7,733 | 8,179 | 8,440 |
| <b>Net importers</b>     |       |       |       |       |       |       |       |       |       |       |       |
| China                    | 1,267 | 1,442 | 1,325 | 1,259 | 666   | 490   | 593   | 270   | 586   | 845   | 1,189 |
| India                    | 817   | 1,180 | 1,081 | 1,803 | 2,812 | 4,266 | 3,533 | 2,977 | 2,992 | 3,610 | 3,235 |
| Mexico                   | 353   | 141   | 190   | 197   | 250   | 307   | 266   | 231   | 139   | 137   | 51    |
| Rest of world            | 4,478 | 3,387 | 3,597 | 3,357 | 3,460 | 3,641 | 3,790 | 3,249 | 3,498 | 2,697 | 3,038 |
| Total net imports        | 6,915 | 6,150 | 6,193 | 6,616 | 7,188 | 8,704 | 8,182 | 6,727 | 7,215 | 7,289 | 7,513 |
| Residual                 | 299   | 525   | 858   | 116   | 1,024 | 90    | 219   | 780   | 518   | 890   | 927   |
| Soyoil price, Decatur    | 1,173 | 1,144 | 1,039 | 843   | 697   | 658   | 718   | 662   | 606   | 654   | 1,261 |
| (Dollars per metric ton) |       |       |       |       |       |       |       |       |       |       |       |

## Soybean Meal Trade

|                            | 21/22  | 22/23  | 23/24  | 24/25  | 25/26  | 26/27  | 27/28  | 28/29  | 29/30  | 30/31  | 31/32  | 32/33  |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons)     |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>       |        |        |        |        |        |        |        |        |        |        |        |        |
| Argentina                  | 26,452 | 27,602 | 27,987 | 27,947 | 28,250 | 28,544 | 28,805 | 29,055 | 29,304 | 29,543 | 29,772 | 30,061 |
| Brazil                     | 20,234 | 19,463 | 19,537 | 19,977 | 20,737 | 21,467 | 22,105 | 22,783 | 23,529 | 24,302 | 25,150 | 26,048 |
| China                      | 428    | 1,061  | 867    | 568    | 678    | 646    | 606    | 609    | 656    | 675    | 671    | 644    |
| India                      | 0      | 1,116  | 869    | 683    | 615    | 538    | 474    | 427    | 396    | 361    | 320    | 270    |
| United States              | 11,680 | 11,854 | 12,884 | 14,180 | 14,485 | 14,747 | 15,065 | 15,358 | 15,542 | 15,710 | 15,853 | 15,936 |
| Total net exports          | 58,794 | 61,096 | 62,144 | 63,355 | 64,764 | 65,941 | 67,056 | 68,232 | 69,427 | 70,591 | 71,767 | 72,960 |
| <b>Net importers</b>       |        |        |        |        |        |        |        |        |        |        |        |        |
| Canada                     | 920    | 936    | 1,006  | 1,074  | 1,139  | 1,201  | 1,269  | 1,329  | 1,388  | 1,442  | 1,498  | 1,557  |
| EU27                       | 15,750 | 16,045 | 16,711 | 17,530 | 18,188 | 18,554 | 18,749 | 18,918 | 19,054 | 19,158 | 19,268 | 19,350 |
| Mexico                     | 1,809  | 1,846  | 1,855  | 1,895  | 1,976  | 1,999  | 2,028  | 2,032  | 2,057  | 2,091  | 2,135  | 2,204  |
| Rest of world              | 36,421 | 37,357 | 38,263 | 38,547 | 39,152 | 39,878 | 40,701 | 41,643 | 42,619 | 43,591 | 44,557 | 45,540 |
| Total net imports          | 54,900 | 56,184 | 57,835 | 59,046 | 60,455 | 61,632 | 62,747 | 63,923 | 65,118 | 66,282 | 67,458 | 68,651 |
| Residual                   | 3,894  | 4,912  | 4,309  | 4,309  | 4,309  | 4,309  | 4,309  | 4,309  | 4,309  | 4,309  | 4,309  | 4,309  |
| Soymeal price 48%, Decatur | 484    | 426    | 360    | 356    | 343    | 337    | 336    | 334    | 329    | 323    | 316    | 306    |

## Soybean Oil Trade

|                        | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina              | 4,770 | 5,503 | 5,355 | 5,368 | 5,543 | 5,791 | 5,997 | 6,115 | 6,166 | 6,191 | 6,215 | 6,271 |
| Brazil                 | 2,382 | 2,013 | 2,159 | 2,059 | 1,978 | 1,910 | 1,883 | 1,892 | 1,924 | 1,973 | 2,040 | 2,146 |
| Canada                 | 90    | 105   | 107   | 107   | 108   | 107   | 105   | 101   | 98    | 94    | 90    | 87    |
| EU27                   | 515   | 575   | 555   | 430   | 429   | 419   | 378   | 352   | 338   | 326   | 314   | 323   |
| United States          | 666   | 286   | 98    | 277   | 224   | 134   | 167   | 194   | 224   | 265   | 309   | 157   |
| Total net exports      | 8,423 | 8,481 | 8,273 | 8,243 | 8,283 | 8,362 | 8,530 | 8,654 | 8,750 | 8,849 | 8,968 | 8,983 |
| <b>Net importers</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| China                  | 177   | 865   | 861   | 794   | 786   | 783   | 768   | 719   | 657   | 588   | 523   | 409   |
| India                  | 4,085 | 3,320 | 3,493 | 3,620 | 3,754 | 3,884 | 4,011 | 4,127 | 4,241 | 4,357 | 4,471 | 4,570 |
| Mexico                 | 160   | 135   | 130   | 124   | 122   | 126   | 136   | 148   | 160   | 174   | 190   | 204   |
| Rest of world          | 3,119 | 3,182 | 3,128 | 3,044 | 2,961 | 2,907 | 2,954 | 3,000 | 3,032 | 3,069 | 3,124 | 3,140 |
| Total net imports      | 7,541 | 7,502 | 7,612 | 7,582 | 7,623 | 7,701 | 7,869 | 7,993 | 8,090 | 8,188 | 8,307 | 8,322 |
| Residual               | 882   | 979   | 661   | 661   | 661   | 661   | 661   | 661   | 661   | 661   | 661   | 661   |
| Soyoil price, Decatur  | 1,609 | 1,517 | 1,397 | 1,374 | 1,350 | 1,328 | 1,306 | 1,296 | 1,286 | 1,273 | 1,259 | 1,261 |

## World Rapeseed Supply & Utilization

|                           | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)        |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>     | 33.6  | 33.3  | 35.8  | 35.7  | 35.0  | 33.3  | 33.4  | 35.9  | 35.9  | 34.7  | 34.9  |
| (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>              | 1.80  | 1.84  | 1.77  | 1.98  | 2.01  | 2.06  | 2.08  | 2.10  | 2.03  | 2.01  | 2.12  |
| (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             | 75.5  | 78.8  | 77.4  | 85.7  | 86.5  | 86.0  | 86.4  | 90.3  | 89.9  | 89.1  | 90.4  |
| Production                | 60.5  | 61.2  | 63.3  | 70.6  | 70.4  | 68.8  | 69.6  | 75.3  | 72.9  | 69.6  | 73.9  |
| Beginning stocks          | 8.7   | 8.7   | 6.8   | 5.5   | 7.8   | 7.3   | 6.3   | 5.2   | 8.0   | 9.8   | 7.6   |
| Net imports               | 6.2   | 8.9   | 7.2   | 9.6   | 8.4   | 9.9   | 10.6  | 9.9   | 9.0   | 9.6   | 9.0   |
| <b>Utilization</b>        | 68.5  | 70.2  | 70.4  | 76.6  | 77.4  | 75.9  | 75.5  | 79.6  | 80.9  | 79.2  | 80.0  |
| Crush                     | 57.4  | 60.5  | 62.1  | 66.2  | 67.1  | 66.7  | 67.4  | 68.5  | 68.0  | 68.5  | 71.2  |
| Other utilization         | 2.4   | 2.9   | 2.8   | 2.6   | 3.0   | 2.9   | 2.9   | 3.1   | 3.0   | 3.1   | 2.5   |
| Ending Stocks             | 8.7   | 6.8   | 5.5   | 7.8   | 7.3   | 6.3   | 5.2   | 8.0   | 9.8   | 7.6   | 6.3   |
| <b>Net Exports</b>        | 7.0   | 8.6   | 7.0   | 9.1   | 9.1   | 10.2  | 10.9  | 10.7  | 9.1   | 9.9   | 10.5  |
| <b>Total Demand</b>       | 75.5  | 78.8  | 77.4  | 85.7  | 86.5  | 86.0  | 86.5  | 90.3  | 89.9  | 89.1  | 90.4  |

### Rapeseed Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Canada             | 6.9   | 7.6   | 8.9   | 8.2   | 8.4   | 8.4   | 8.3   | 9.3   | 9.1   | 8.5   | 8.3   |
| China              | 7.3   | 7.2   | 7.2   | 7.2   | 7.2   | 7.0   | 6.6   | 6.7   | 6.6   | 6.6   | 6.8   |
| EU27               | 7.0   | 6.7   | 6.3   | 6.8   | 6.7   | 6.5   | 6.0   | 6.2   | 6.5   | 5.1   | 5.3   |
| India              | 6.9   | 5.9   | 6.4   | 6.6   | 5.8   | 5.7   | 6.1   | 6.0   | 6.1   | 6.9   | 6.7   |
| United States      | 0.6   | 0.4   | 0.7   | 0.5   | 0.6   | 0.7   | 0.7   | 0.8   | 0.8   | 0.8   | 0.7   |
| Rest of world      | 4.9   | 5.5   | 6.4   | 6.4   | 6.3   | 5.0   | 5.8   | 6.9   | 6.8   | 6.9   | 7.0   |
| <b>World total</b> | 33.6  | 33.3  | 35.8  | 35.7  | 35.0  | 33.3  | 33.4  | 35.9  | 35.9  | 34.7  | 34.9  |

## World Rapeseed Supply & Utilization

|                           | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)        |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>     | 37.8  | 40.1  | 39.5  | 38.9  | 39.2  | 39.3  | 39.4  | 39.5  | 39.6  | 39.8  | 40.0  | 40.1  |
| (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>              | 1.95  | 2.11  | 2.13  | 2.16  | 2.18  | 2.21  | 2.24  | 2.27  | 2.30  | 2.32  | 2.35  | 2.37  |
| (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             | 84.8  | 95.7  | 98.3  | 98.8  | 100.9 | 102.7 | 104.2 | 105.8 | 107.6 | 109.3 | 111.1 | 112.8 |
| Production                | 73.9  | 84.8  | 84.1  | 83.9  | 85.6  | 87.0  | 88.2  | 89.5  | 91.0  | 92.4  | 93.9  | 95.3  |
| Beginning stocks          | 6.3   | 4.4   | 6.8   | 7.3   | 7.3   | 7.5   | 7.6   | 7.8   | 8.1   | 8.3   | 8.6   | 8.9   |
| Net imports               | 4.7   | 6.6   | 7.5   | 7.6   | 8.0   | 8.3   | 8.4   | 8.5   | 8.5   | 8.6   | 8.6   | 8.6   |
| <b>Utilization</b>        | 79.6  | 86.0  | 89.5  | 90.0  | 91.7  | 93.3  | 94.8  | 96.3  | 98.0  | 99.7  | 101.4 | 103.2 |
| Crush                     | 71.7  | 76.0  | 79.0  | 79.6  | 81.1  | 82.4  | 83.6  | 84.8  | 86.2  | 87.6  | 89.0  | 90.4  |
| Other utilization         | 3.6   | 3.1   | 3.2   | 3.2   | 3.2   | 3.3   | 3.3   | 3.4   | 3.4   | 3.5   | 3.5   | 3.5   |
| Ending Stocks             | 4.4   | 6.8   | 7.3   | 7.3   | 7.5   | 7.6   | 7.8   | 8.1   | 8.3   | 8.6   | 8.9   | 9.2   |
| <b>Net Exports</b>        | 5.2   | 7.8   | 8.1   | 8.2   | 8.6   | 8.9   | 9.0   | 9.1   | 9.2   | 9.2   | 9.2   | 9.2   |
| <b>Total Demand</b>       | 84.8  | 93.8  | 97.6  | 98.3  | 100.4 | 102.2 | 103.8 | 105.4 | 107.1 | 108.9 | 110.7 | 112.4 |

### Rapeseed Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Canada             | 8.9   | 8.6   | 8.6   | 8.6   | 8.7   | 8.7   | 8.7   | 8.6   | 8.6   | 8.5   | 8.4   | 8.4   |
| China              | 6.8   | 7.1   | 6.8   | 6.6   | 6.7   | 6.6   | 6.6   | 6.6   | 6.6   | 6.6   | 6.6   | 6.6   |
| EU27               | 5.3   | 5.9   | 5.8   | 5.7   | 5.8   | 5.9   | 5.9   | 6.0   | 6.0   | 6.0   | 6.1   | 6.1   |
| India              | 8.2   | 8.6   | 8.5   | 8.4   | 8.5   | 8.5   | 8.5   | 8.5   | 8.6   | 8.6   | 8.6   | 8.7   |
| United States      | 0.9   | 0.9   | 0.8   | 0.9   | 0.9   | 0.9   | 0.9   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
| Rest of world      | 7.7   | 9.0   | 8.9   | 8.7   | 8.7   | 8.7   | 8.7   | 8.8   | 8.9   | 9.1   | 9.2   | 9.4   |
| <b>World total</b> | 37.8  | 40.1  | 39.5  | 38.9  | 39.2  | 39.3  | 39.4  | 39.5  | 39.6  | 39.8  | 40.0  | 40.1  |

## Rapeseed Trade

|                                | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16  | 16/17  | 17/18  | 18/19 | 19/20 | 20/21  |
|--------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|--------|
| (Thousand metric tons)         |       |       |       |       |       |        |        |        |       |       |        |
| <b>Net exporters</b>           |       |       |       |       |       |        |        |        |       |       |        |
| Canada                         | 6,983 | 8,598 | 6,982 | 9,109 | 9,139 | 10,177 | 10,927 | 10,740 | 9,056 | 9,886 | 10,464 |
| India                          | 1     | 0     | 0     | 1     | 0     | 0      | 0      | 0      | 0     | 0     | 0      |
| Total net exports              | 6,984 | 8,598 | 6,982 | 9,110 | 9,139 | 10,177 | 10,927 | 10,740 | 9,056 | 9,886 | 10,464 |
| <b>Net importers</b>           |       |       |       |       |       |        |        |        |       |       |        |
| China                          | 930   | 2,622 | 3,421 | 5,046 | 4,591 | 4,010  | 4,261  | 4,714  | 3,486 | 2,558 | 2,795  |
| EU27                           | 2,410 | 3,603 | 3,284 | 3,234 | 1,729 | 2,881  | 3,714  | 3,838  | 4,038 | 5,643 | 5,624  |
| United States                  | 188   | 469   | 217   | 768   | 617   | 183    | 579    | 497    | 383   | 380   | 284    |
| Rest of world                  | 2,708 | 2,160 | 322   | 512   | 1,413 | 2,810  | 2,023  | 815    | 1,106 | 1,034 | 317    |
| Total net imports              | 6,236 | 8,854 | 7,244 | 9,560 | 8,350 | 9,884  | 10,577 | 9,864  | 9,013 | 9,615 | 9,020  |
| Residual                       | -748  | 256   | 262   | 450   | -789  | -293   | -350   | -876   | -43   | -271  | -1,444 |
| (Dollars per metric ton)       |       |       |       |       |       |        |        |        |       |       |        |
| <b>Rapeseed price, Hamburg</b> | 647   | 616   | 579   | 505   | 417   | 409    | 432    | 425    | 420   | 433   | 594    |

## Rapeseed Trade

|                                | 21/22  | 22/23  | 23/24  | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)         |        |        |        |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>           |        |        |        |       |       |       |       |       |       |       |       |       |
| Canada                         | 5,163  | 7,796  | 8,102  | 8,240 | 8,628 | 8,876 | 9,015 | 9,100 | 9,158 | 9,195 | 9,223 | 9,245 |
| India                          | 0      | 0      | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Total net exports              | 5,163  | 7,796  | 8,102  | 8,240 | 8,628 | 8,876 | 9,015 | 9,100 | 9,158 | 9,195 | 9,223 | 9,245 |
| <b>Net importers</b>           |        |        |        |       |       |       |       |       |       |       |       |       |
| China                          | 1,657  | 2,669  | 2,376  | 1,860 | 1,957 | 1,975 | 1,934 | 1,937 | 1,995 | 2,028 | 2,070 | 2,087 |
| EU27                           | 5,146  | 4,979  | 5,855  | 5,887 | 5,785 | 5,777 | 5,833 | 5,944 | 6,105 | 6,306 | 6,532 | 6,772 |
| United States                  | 364    | 225    | 351    | 362   | 349   | 364   | 371   | 371   | 370   | 369   | 370   | 373   |
| Rest of world                  | -2,490 | -1,321 | -1,107 | -495  | -88   | 135   | 251   | 222   | 62    | -133  | -374  | -614  |
| Total net imports              | 4,677  | 6,552  | 7,476  | 7,614 | 8,003 | 8,250 | 8,389 | 8,474 | 8,532 | 8,569 | 8,598 | 8,619 |
| Residual                       | -486   | -1,244 | -626   | -626  | -626  | -626  | -626  | -626  | -626  | -626  | -626  | -626  |
| (Dollars per metric ton)       |        |        |        |       |       |       |       |       |       |       |       |       |
| <b>Rapeseed price, Hamburg</b> | 822    | 658    | 579    | 620   | 608   | 599   | 600   | 603   | 600   | 600   | 596   | 593   |

## World Rapeseed Products Supply & Utilization

|                       | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Rapeseed Meal</b>  |       |       |       |       |       |       |       |       |       |       |       |
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         | 39.2  | 40.5  | 41.5  | 44.4  | 44.2  | 44.0  | 45.2  | 46.2  | 46.1  | 47.0  | 49.2  |
| Production            | 33.4  | 34.9  | 36.0  | 38.3  | 38.7  | 38.6  | 38.8  | 39.4  | 39.2  | 39.5  | 41.1  |
| Beginning stocks      | 1.3   | 1.1   | 1.1   | 1.0   | 0.9   | 1.0   | 1.1   | 1.4   | 1.5   | 1.3   | 1.4   |
| Net imports           | 4.5   | 4.5   | 4.4   | 5.1   | 4.6   | 4.4   | 5.3   | 5.3   | 5.4   | 6.2   | 6.6   |
| <b>Utilization</b>    | 34.7  | 36.0  | 37.0  | 39.5  | 39.6  | 39.6  | 40.0  | 40.6  | 40.6  | 41.1  | 42.6  |
| Consumption           | 33.6  | 34.9  | 36.0  | 38.5  | 38.6  | 38.5  | 38.6  | 39.1  | 39.4  | 39.6  | 41.3  |
| Ending Stocks         | 1.1   | 1.1   | 1.0   | 0.9   | 1.0   | 1.1   | 1.4   | 1.5   | 1.3   | 1.4   | 1.3   |
| <b>Net Exports</b>    | 4.5   | 4.5   | 4.5   | 4.9   | 4.6   | 4.4   | 5.3   | 5.6   | 5.4   | 6.0   | 6.6   |
| <b>Total Demand</b>   | 39.2  | 40.5  | 41.5  | 44.4  | 44.2  | 44.0  | 45.4  | 46.2  | 46.1  | 47.0  | 49.2  |
| <b>Rapeseed Oil</b>   |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         | 27.4  | 29.3  | 31.3  | 34.5  | 36.4  | 36.9  | 36.3  | 35.4  | 34.4  | 34.8  | 36.0  |
| Production            | 23.4  | 24.7  | 25.4  | 27.1  | 27.4  | 27.4  | 27.6  | 28.1  | 27.8  | 28.1  | 29.1  |
| Beginning stocks      | 2.1   | 2.3   | 3.3   | 4.9   | 6.3   | 6.7   | 5.7   | 4.2   | 3.4   | 2.9   | 2.8   |
| Net imports           | 1.8   | 2.3   | 2.6   | 2.5   | 2.7   | 2.8   | 3.0   | 3.1   | 3.2   | 3.7   | 4.1   |
| <b>Utilization</b>    | 25.5  | 27.1  | 28.7  | 32.0  | 33.6  | 34.0  | 33.2  | 32.3  | 31.1  | 31.0  | 31.8  |
| Consumption           | 23.2  | 23.8  | 23.7  | 25.7  | 26.9  | 28.3  | 29.0  | 29.0  | 28.1  | 28.2  | 28.5  |
| Ending Stocks         | 2.3   | 3.3   | 4.9   | 6.3   | 6.7   | 5.7   | 4.2   | 3.4   | 2.9   | 2.8   | 3.4   |
| <b>Net Exports</b>    | 1.9   | 2.2   | 2.7   | 2.5   | 2.8   | 2.9   | 3.1   | 3.1   | 3.3   | 3.8   | 4.2   |
| <b>Total Demand</b>   | 27.4  | 29.3  | 31.3  | 34.5  | 36.4  | 36.9  | 36.2  | 35.4  | 34.4  | 34.8  | 36.0  |

## World Rapeseed Products Supply & Utilization

|                       | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Rapeseed Meal</b>  |       |       |       |       |       |       |       |       |       |       |       |       |
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         | 48.8  | 52.2  | 54.8  | 55.1  | 56.0  | 56.9  | 57.7  | 58.5  | 59.4  | 60.4  | 61.4  | 62.4  |
| Production            | 41.8  | 44.9  | 46.2  | 46.3  | 47.1  | 47.9  | 48.5  | 49.2  | 50.0  | 50.8  | 51.6  | 52.5  |
| Beginning stocks      | 1.3   | 1.4   | 1.7   | 1.9   | 1.9   | 2.0   | 2.0   | 2.1   | 2.1   | 2.1   | 2.2   | 2.2   |
| Net imports           | 5.7   | 5.9   | 6.9   | 7.0   | 7.0   | 7.1   | 7.2   | 7.3   | 7.4   | 7.6   | 7.7   | 7.7   |
| <b>Utilization</b>    | 43.1  | 45.9  | 47.9  | 48.1  | 48.9  | 49.8  | 50.5  | 51.2  | 52.1  | 52.9  | 53.8  | 54.6  |
| Consumption           | 41.7  | 44.2  | 46.0  | 46.2  | 47.0  | 47.8  | 48.4  | 49.1  | 49.9  | 50.7  | 51.6  | 52.4  |
| Ending Stocks         | 1.4   | 1.7   | 1.9   | 1.9   | 2.0   | 2.0   | 2.1   | 2.1   | 2.2   | 2.2   | 2.2   | 2.2   |
| <b>Net Exports</b>    | 5.8   | 6.2   | 6.9   | 7.1   | 7.1   | 7.1   | 7.2   | 7.3   | 7.4   | 7.5   | 7.6   | 7.7   |
| <b>Total Demand</b>   | 48.8  | 52.2  | 54.8  | 55.1  | 56.0  | 56.9  | 57.7  | 58.5  | 59.4  | 60.4  | 61.4  | 62.4  |
| <b>Rapeseed Oil</b>   |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>         | 35.3  | 39.0  | 40.9  | 41.6  | 42.4  | 43.2  | 43.9  | 44.5  | 45.2  | 45.9  | 46.6  | 47.4  |
| Production            | 29.1  | 31.7  | 32.7  | 32.8  | 33.4  | 33.9  | 34.4  | 34.9  | 35.5  | 36.0  | 36.6  | 37.2  |
| Beginning stocks      | 3.4   | 3.0   | 3.4   | 3.7   | 3.8   | 3.8   | 3.9   | 3.9   | 4.0   | 4.0   | 4.1   | 4.2   |
| Net imports           | 2.9   | 4.3   | 4.8   | 5.1   | 5.2   | 5.4   | 5.6   | 5.7   | 5.8   | 5.8   | 5.8   | 6.0   |
| <b>Utilization</b>    | 32.3  | 34.1  | 36.1  | 36.4  | 37.0  | 37.6  | 38.1  | 38.7  | 39.3  | 40.0  | 40.6  | 41.3  |
| Consumption           | 29.4  | 30.7  | 32.4  | 32.6  | 33.2  | 33.8  | 34.2  | 34.7  | 35.3  | 35.8  | 36.4  | 37.0  |
| Ending Stocks         | 3.0   | 3.4   | 3.7   | 3.8   | 3.8   | 3.9   | 3.9   | 4.0   | 4.0   | 4.1   | 4.2   | 4.3   |
| <b>Net Exports</b>    | 3.0   | 4.7   | 4.9   | 5.2   | 5.3   | 5.6   | 5.7   | 5.8   | 5.9   | 5.9   | 5.9   | 6.1   |
| <b>Total Demand</b>   | 35.3  | 38.8  | 41.0  | 41.6  | 42.4  | 43.2  | 43.9  | 44.5  | 45.2  | 45.9  | 46.6  | 47.4  |

## Rapeseed Meal Trade

|                         | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)  |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>    |       |       |       |       |       |       |       |       |       |       |       |
| Canada                  | 2,965 | 3,302 | 3,394 | 3,414 | 3,614 | 4,085 | 4,603 | 4,522 | 4,637 | 4,898 | 5,252 |
| EU27                    | 18    | 40    | -143  | -96   | -39   | 61    | 309   | 164   | -66   | 148   | 283   |
| India                   | 1,480 | 1,182 | 1,208 | 1,594 | 1,059 | 288   | 418   | 864   | 876   | 950   | 1,032 |
| Total net exports       | 4,463 | 4,524 | 4,459 | 4,912 | 4,634 | 4,434 | 5,330 | 5,550 | 5,447 | 5,996 | 6,567 |
| <b>Net importers</b>    |       |       |       |       |       |       |       |       |       |       |       |
| China                   | 1,408 | 615   | 5     | 277   | 142   | 245   | 862   | 1,244 | 1,426 | 1,896 | 1,962 |
| United States           | 1,978 | 2,722 | 3,057 | 3,340 | 3,466 | 3,547 | 3,473 | 3,208 | 3,241 | 3,464 | 3,580 |
| Rest of world           | 1,129 | 1,184 | 1,317 | 1,440 | 966   | 638   | 916   | 888   | 698   | 880   | 1,102 |
| Total net imports       | 4,515 | 4,521 | 4,379 | 5,057 | 4,574 | 4,430 | 5,251 | 5,340 | 5,365 | 6,240 | 6,644 |
| Residual                | 52    | -3    | -80   | 145   | -60   | -4    | -79   | -210  | -82   | 244   | 77    |
| Rapemeal price, Hamburg | 278   | 295   | 353   | 323   | 269   | 232   | 225   | 259   | 247   | 244   | 319   |

## Rapeseed Oil Trade

|                          | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)   |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>     |       |       |       |       |       |       |       |       |       |       |       |
| Canada                   | 2,296 | 2,584 | 2,346 | 2,265 | 2,377 | 2,721 | 3,052 | 3,156 | 3,139 | 3,409 | 3,429 |
| EU27                     | -278  | -377  | 251   | 8     | 96    | 145   | 155   | 38    | -234  | -98   | 408   |
| Rest of world            | -130  | 25    | 55    | 212   | 317   | 13    | -142  | -116  | 415   | 495   | 362   |
| Total net exports        | 1,888 | 2,232 | 2,652 | 2,485 | 2,790 | 2,879 | 3,065 | 3,078 | 3,320 | 3,806 | 4,199 |
| <b>Net importers</b>     |       |       |       |       |       |       |       |       |       |       |       |
| China                    | 644   | 1,030 | 1,592 | 896   | 726   | 765   | 784   | 1,051 | 1,492 | 1,936 | 2,363 |
| India                    | 3     | 107   | 8     | 152   | 381   | 380   | 314   | 274   | 58    | 72    | 18    |
| United States            | 1,189 | 1,191 | 1,036 | 1,417 | 1,565 | 1,686 | 1,877 | 1,747 | 1,684 | 1,722 | 1,726 |
| Total net imports        | 1,836 | 2,328 | 2,636 | 2,465 | 2,672 | 2,831 | 2,975 | 3,072 | 3,234 | 3,730 | 4,107 |
| Residual                 | 52    | -96   | 16    | 20    | 118   | 48    | 90    | 6     | 86    | 76    | 92    |
| Rapeoil price, Rotterdam | 1,367 | 1,258 | 1,127 | 954   | 782   | 798   | 871   | 844   | 840   | 879   | 1,306 |

## Rapeseed Meal Trade

|                                | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)         |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>           |       |       |       |       |       |       |       |       |       |       |       |       |
| Canada                         | 4,384 | 5,044 | 5,533 | 5,690 | 5,797 | 5,873 | 5,921 | 5,958 | 5,992 | 6,022 | 6,050 | 6,075 |
| EU27                           | 134   | 218   | 501   | 444   | 360   | 364   | 408   | 465   | 539   | 624   | 710   | 819   |
| India                          | 1,250 | 964   | 916   | 942   | 899   | 883   | 878   | 870   | 859   | 855   | 855   | 853   |
| Total net exports              | 5,768 | 6,226 | 6,950 | 7,077 | 7,057 | 7,120 | 7,206 | 7,293 | 7,391 | 7,502 | 7,614 | 7,747 |
| <b>Net importers</b>           |       |       |       |       |       |       |       |       |       |       |       |       |
| China                          | 2,214 | 1,986 | 2,905 | 3,402 | 3,495 | 3,650 | 3,830 | 3,991 | 4,135 | 4,298 | 4,461 | 4,651 |
| United States                  | 2,864 | 3,325 | 3,487 | 3,382 | 3,387 | 3,402 | 3,415 | 3,435 | 3,473 | 3,512 | 3,553 | 3,590 |
| Rest of world                  | 644   | 600   | 506   | 241   | 124   | 16    | -91   | -184  | -269  | -360  | -452  | -546  |
| Total net imports              | 5,722 | 5,911 | 6,898 | 7,025 | 7,005 | 7,068 | 7,155 | 7,241 | 7,339 | 7,450 | 7,563 | 7,695 |
| Residual                       | -46   | -315  | -52   | -52   | -52   | -52   | -52   | -52   | -52   | -52   | -52   | -52   |
| (Dollars per metric ton)       |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Rapemeal price, Hamburg</b> | 406   | 349   | 269   | 290   | 281   | 276   | 277   | 276   | 270   | 265   | 258   | 249   |

## Rapeseed Oil Trade

|                                 | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)          |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>            |       |       |       |       |       |       |       |       |       |       |       |       |
| Canada                          | 2,535 | 3,333 | 3,718 | 3,848 | 3,933 | 3,994 | 4,030 | 4,054 | 4,076 | 4,095 | 4,113 | 4,128 |
| EU27                            | -256  | 425   | 308   | 82    | 92    | 221   | 350   | 421   | 462   | 415   | 445   | 615   |
| Rest of world                   | 757   | 927   | 881   | 1,251 | 1,308 | 1,339 | 1,342 | 1,344 | 1,342 | 1,376 | 1,376 | 1,355 |
| Total net exports               | 3,036 | 4,685 | 4,907 | 5,181 | 5,334 | 5,554 | 5,722 | 5,819 | 5,879 | 5,887 | 5,935 | 6,098 |
| <b>Net importers</b>            |       |       |       |       |       |       |       |       |       |       |       |       |
| China                           | 970   | 2,376 | 2,341 | 2,689 | 2,740 | 2,810 | 2,918 | 2,996 | 3,037 | 3,065 | 3,095 | 3,156 |
| India                           | 34    | -8    | 174   | 119   | 114   | 111   | 118   | 132   | 145   | 146   | 154   | 176   |
| United States                   | 1,884 | 1,928 | 2,275 | 2,257 | 2,363 | 2,516 | 2,569 | 2,573 | 2,580 | 2,558 | 2,569 | 2,649 |
| Total net imports               | 2,888 | 4,296 | 4,790 | 5,065 | 5,217 | 5,437 | 5,605 | 5,702 | 5,762 | 5,770 | 5,818 | 5,981 |
| Residual                        | 148   | 389   | 117   | 117   | 117   | 117   | 117   | 117   | 117   | 117   | 117   | 117   |
| (Dollars per metric ton)        |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Rapeoil price, Rotterdam</b> | 1,849 | 1,530 | 1,440 | 1,478 | 1,458 | 1,436 | 1,422 | 1,418 | 1,411 | 1,409 | 1,401 | 1,395 |

## World Sunflowerseed Supply & Utilization

|                           | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)        |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>     | 23.1  | 24.6  | 23.6  | 24.0  | 23.1  | 23.5  | 26.0  | 26.0  | 25.8  | 26.0  | 26.9  |
| (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>              | 1.42  | 1.57  | 1.48  | 1.73  | 1.70  | 1.73  | 1.86  | 1.85  | 1.96  | 2.08  | 1.83  |
| (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             | 35.9  | 41.6  | 37.8  | 44.4  | 42.8  | 44.3  | 51.8  | 51.6  | 54.0  | 58.2  | 53.2  |
| Production                | 32.8  | 38.7  | 35.0  | 41.6  | 39.3  | 40.8  | 48.4  | 48.0  | 50.7  | 54.2  | 49.2  |
| Beginning stocks          | 2.6   | 2.3   | 2.5   | 2.8   | 3.3   | 3.0   | 2.8   | 3.5   | 2.9   | 2.7   | 3.0   |
| Net imports               | 0.5   | 0.6   | 0.3   | 0.1   | 0.2   | 0.5   | 0.5   | 0.1   | 0.4   | 1.3   | 1.0   |
| <b>Utilization</b>        | 35.2  | 40.8  | 37.4  | 44.0  | 42.5  | 43.7  | 51.0  | 51.2  | 53.2  | 56.5  | 52.1  |
| Crush                     | 29.0  | 34.4  | 30.9  | 37.0  | 35.7  | 36.8  | 43.3  | 44.2  | 46.5  | 49.3  | 45.1  |
| Other utilization         | 4.0   | 3.9   | 3.8   | 3.7   | 3.9   | 4.1   | 4.1   | 4.1   | 4.0   | 4.2   | 4.3   |
| Ending Stocks             | 2.3   | 2.5   | 2.8   | 3.3   | 3.0   | 2.8   | 3.5   | 2.9   | 2.7   | 3.0   | 2.6   |
| <b>Net Exports</b>        | 0.6   | 0.8   | 0.4   | 0.4   | 0.3   | 0.6   | 0.8   | 0.5   | 0.8   | 1.7   | 1.2   |
| <b>Total Demand</b>       | 35.9  | 41.6  | 37.8  | 44.4  | 42.8  | 44.3  | 51.8  | 51.6  | 54.0  | 58.2  | 53.2  |

### Sunflowerseed Area Harvested

|                    | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 1.7   | 1.8   | 1.6   | 1.3   | 1.4   | 1.4   | 1.8   | 1.7   | 1.9   | 1.5   | 1.7   |
| China              | 1.0   | 1.0   | 0.9   | 0.9   | 1.0   | 1.1   | 1.3   | 1.2   | 0.9   | 0.9   | 0.9   |
| EU27               | 3.7   | 4.3   | 4.3   | 4.6   | 4.3   | 4.2   | 4.1   | 4.4   | 4.0   | 4.3   | 4.4   |
| India              | 0.9   | 0.7   | 0.8   | 0.7   | 0.6   | 0.5   | 0.4   | 0.3   | 0.3   | 0.2   | 0.2   |
| Russia             | 5.6   | 7.2   | 6.1   | 6.8   | 6.4   | 6.5   | 7.2   | 7.1   | 7.9   | 8.4   | 8.3   |
| Ukraine            | 5.4   | 5.4   | 5.5   | 5.3   | 5.3   | 5.5   | 6.8   | 6.8   | 6.5   | 6.4   | 7.0   |
| United States      | 0.8   | 0.6   | 0.7   | 0.6   | 0.6   | 0.7   | 0.6   | 0.5   | 0.5   | 0.5   | 0.7   |
| Rest of world      | 4.0   | 3.7   | 3.6   | 3.9   | 3.6   | 3.7   | 3.8   | 4.0   | 3.8   | 3.7   | 3.6   |
| <b>World total</b> | 23.1  | 24.6  | 23.6  | 24.0  | 23.1  | 23.5  | 26.0  | 26.0  | 25.8  | 26.0  | 26.9  |

## World Sunflowerseed Supply & Utilization

|                       | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)    |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b> | 28.8  | 27.1  | 27.0  | 27.1  | 27.6  | 27.8  | 28.0  | 28.0  | 28.0  | 27.9  | 27.9  | 27.8  |
| <b>Yield</b>          | 1.99  | 1.89  | 1.98  | 2.02  | 2.07  | 2.10  | 2.14  | 2.17  | 2.20  | 2.23  | 2.26  | 2.29  |
| <b>Supply</b>         | 62.1  | 62.4  | 62.9  | 63.6  | 65.6  | 67.2  | 68.9  | 70.2  | 71.3  | 72.3  | 73.2  | 74.0  |
| Production            | 57.3  | 51.3  | 53.5  | 54.8  | 57.1  | 58.5  | 59.8  | 60.7  | 61.6  | 62.3  | 63.0  | 63.7  |
| Beginning stocks      | 2.6   | 8.1   | 6.7   | 5.6   | 5.1   | 5.1   | 5.3   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   |
| Net imports           | 2.1   | 3.0   | 2.8   | 3.2   | 3.4   | 3.6   | 3.8   | 4.0   | 4.1   | 4.2   | 4.3   | 4.4   |
| <b>Utilization</b>    | 59.9  | 59.4  | 59.8  | 60.1  | 61.9  | 63.3  | 64.8  | 65.9  | 66.9  | 67.8  | 68.6  | 69.4  |
| Crush                 | 47.2  | 47.9  | 49.4  | 50.4  | 52.0  | 53.2  | 54.3  | 55.3  | 56.0  | 56.7  | 57.4  | 58.0  |
| Other utilization     | 4.6   | 4.8   | 4.8   | 4.7   | 4.8   | 4.9   | 5.0   | 5.1   | 5.1   | 5.2   | 5.3   | 5.4   |
| Ending Stocks         | 8.1   | 6.7   | 5.6   | 5.1   | 5.1   | 5.3   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   |
| <b>Net Exports</b>    | 2.2   | 3.0   | 3.0   | 3.4   | 3.6   | 3.8   | 4.0   | 4.2   | 4.3   | 4.4   | 4.5   | 4.6   |
| <b>Total Demand</b>   | 62.1  | 62.3  | 62.8  | 63.5  | 65.5  | 67.1  | 68.8  | 70.1  | 71.2  | 72.2  | 73.1  | 74.0  |

### Sunflowerseed Area Harvested

|                    | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares) |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina          | 2.0   | 2.0   | 1.9   | 1.9   | 1.9   | 1.9   | 1.9   | 1.8   | 1.8   | 1.7   | 1.7   | 1.7   |
| China              | 0.9   | 1.0   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   |
| EU27               | 4.4   | 4.8   | 4.7   | 4.6   | 4.5   | 4.4   | 4.3   | 4.2   | 4.2   | 4.1   | 4.1   | 4.1   |
| India              | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   |
| Russia             | 9.6   | 9.7   | 9.7   | 9.7   | 9.9   | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  | 10.1  | 10.0  |
| Ukraine            | 7.1   | 4.6   | 4.7   | 4.9   | 5.3   | 5.6   | 5.9   | 6.0   | 6.1   | 6.2   | 6.2   | 6.2   |
| United States      | 0.5   | 0.7   | 0.7   | 0.7   | 0.8   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   |
| Rest of world      | 4.2   | 4.2   | 4.1   | 4.0   | 4.0   | 3.9   | 3.9   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| <b>World total</b> | 28.8  | 27.1  | 27.0  | 27.1  | 27.6  | 27.8  | 28.0  | 28.0  | 28.0  | 27.9  | 27.9  | 27.8  |

## Sunflowerseed Trade

|                                 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)          |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>            |       |       |       |       |       |       |       |       |       |       |       |
| Argentina                       | 70    | 73    | 77    | 73    | 62    | 308   | 77    | 63    | 147   | 212   | 176   |
| China                           | 171   | 183   | 156   | 141   | 199   | 212   | 260   | 361   | 219   | 234   | 338   |
| Russia                          | -32   | 304   | 10    | 100   | -27   | -14   | 261   | 51    | 311   | 1,197 | 484   |
| Ukraine                         | 432   | 265   | 107   | 55    | 30    | 61    | 167   | 9     | 82    | 22    | 167   |
| Total net exports               | 641   | 825   | 350   | 369   | 264   | 567   | 765   | 484   | 759   | 1,665 | 1,165 |
| <b>Net importers</b>            |       |       |       |       |       |       |       |       |       |       |       |
| EU27                            | -218  | -316  | -307  | -393  | -252  | 198   | 278   | -184  | -125  | 448   | 155   |
| India                           | -6    | -4    | -3    | -3    | -5    | -1    | -3    | -1    | 1     | 2     | 2     |
| United States                   | -119  | -62   | -82   | -55   | -41   | -27   | -10   | 18    | 51    | 136   | 111   |
| Rest of world                   | 829   | 1,013 | 663   | 512   | 511   | 376   | 272   | 278   | 509   | 735   | 732   |
| Total net imports               | 486   | 631   | 271   | 61    | 213   | 546   | 537   | 111   | 436   | 1,321 | 1,000 |
| Residual                        | 155   | 194   | 79    | 308   | 51    | 21    | 228   | 373   | 323   | 344   | 165   |
| (Dollars per metric ton)        |       |       |       |       |       |       |       |       |       |       |       |
| <b>Sunflowerseed, Rotterdam</b> | 661   | 593   | 580   | 466   | 432   | 440   | 408   | 403   | 380   | 420   | 685   |

## Sunflowerseed Trade

|                                 | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)          |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>            |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina                       | 156   | 232   | 249   | 472   | 599   | 692   | 723   | 763   | 795   | 823   | 847   | 854   |
| China                           | 282   | 151   | 126   | 89    | 94    | 86    | 82    | 85    | 97    | 108   | 119   | 128   |
| Russia                          | 160   | 749   | 955   | 1,051 | 1,115 | 1,085 | 1,159 | 1,192 | 1,212 | 1,221 | 1,222 | 1,226 |
| Ukraine                         | 1,601 | 1,853 | 1,627 | 1,771 | 1,784 | 1,925 | 2,023 | 2,125 | 2,186 | 2,245 | 2,310 | 2,376 |
| Total net exports               | 2,199 | 2,986 | 2,957 | 3,383 | 3,592 | 3,787 | 3,987 | 4,166 | 4,290 | 4,398 | 4,498 | 4,585 |
| <b>Net importers</b>            |       |       |       |       |       |       |       |       |       |       |       |       |
| EU27                            | 1,490 | 1,744 | 1,133 | 1,453 | 1,612 | 1,758 | 1,834 | 1,871 | 1,842 | 1,774 | 1,682 | 1,564 |
| India                           | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| United States                   | 125   | 35    | 255   | 254   | 241   | 221   | 205   | 181   | 151   | 126   | 104   | 84    |
| Rest of world                   | 518   | 1,193 | 1,377 | 1,483 | 1,546 | 1,616 | 1,756 | 1,921 | 2,104 | 2,306 | 2,519 | 2,744 |
| Total net imports               | 2,134 | 2,973 | 2,765 | 3,191 | 3,401 | 3,596 | 3,796 | 3,974 | 4,099 | 4,206 | 4,306 | 4,393 |
| Residual                        | 65    | 13    | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   | 192   |
| (Dollars per metric ton)        |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Sunflowerseed, Rotterdam</b> | 763   | 714   | 640   | 656   | 624   | 615   | 603   | 602   | 600   | 595   | 592   | 592   |

## World Sunflowerseed Products Supply & Utilization

|                           | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Sunflowerseed Meal</b> |       |       |       |       |       |       |       |       |       |       |       |
| (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             |       |       |       |       |       |       |       |       |       |       |       |
| Production                | 18.1  | 22.7  | 20.4  | 22.9  | 22.5  | 23.6  | 27.3  | 27.3  | 29.9  | 31.2  | 28.9  |
| Beginning stocks          | 13.3  | 15.6  | 14.2  | 16.8  | 16.2  | 16.6  | 19.5  | 20.0  | 20.9  | 21.7  | 20.3  |
| Net imports               | 1.0   | 1.1   | 1.7   | 0.8   | 1.4   | 1.5   | 1.4   | 1.4   | 1.8   | 2.0   | 2.1   |
| Net imports               | 3.8   | 6.0   | 4.6   | 5.3   | 5.0   | 5.5   | 6.4   | 5.8   | 7.2   | 7.5   | 6.6   |
| <b>Utilization</b>        |       |       |       |       |       |       |       |       |       |       |       |
| Consumption               | 13.8  | 16.3  | 15.7  | 17.2  | 17.3  | 17.8  | 20.5  | 21.1  | 22.6  | 23.4  | 21.8  |
| Ending Stocks             | 12.8  | 14.6  | 14.9  | 15.8  | 15.8  | 16.4  | 19.0  | 19.4  | 20.7  | 21.3  | 20.7  |
| Ending Stocks             | 1.1   | 1.7   | 0.8   | 1.4   | 1.5   | 1.4   | 1.4   | 1.8   | 2.0   | 2.1   | 1.1   |
| <b>Net Exports</b>        | 4.2   | 6.4   | 4.8   | 5.7   | 5.3   | 5.7   | 6.9   | 6.2   | 7.3   | 7.8   | 7.1   |
| <b>Total Demand</b>       | 18.1  | 22.7  | 20.4  | 22.9  | 22.5  | 23.6  | 27.3  | 27.3  | 29.9  | 31.2  | 28.9  |
| <b>Sunflowerseed Oil</b>  |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             |       |       |       |       |       |       |       |       |       |       |       |
| Production                | 16.9  | 21.1  | 20.0  | 23.5  | 22.6  | 23.8  | 27.7  | 28.4  | 29.9  | 32.8  | 29.5  |
| Beginning stocks          | 12.1  | 14.4  | 12.9  | 15.6  | 15.0  | 15.5  | 18.3  | 18.6  | 19.6  | 21.1  | 19.0  |
| Net imports               | 2.0   | 1.9   | 3.0   | 2.3   | 2.9   | 2.5   | 2.0   | 2.6   | 2.6   | 2.3   | 2.8   |
| Net imports               | 2.8   | 4.9   | 4.1   | 5.6   | 4.7   | 5.8   | 7.3   | 7.2   | 7.7   | 9.3   | 7.7   |
| <b>Utilization</b>        |       |       |       |       |       |       |       |       |       |       |       |
| Consumption               | 13.2  | 15.6  | 15.5  | 17.2  | 16.8  | 17.2  | 19.0  | 20.0  | 20.4  | 21.7  | 20.1  |
| Ending Stocks             | 11.4  | 12.6  | 13.2  | 14.2  | 14.3  | 15.1  | 16.4  | 17.4  | 18.0  | 18.9  | 18.3  |
| Ending Stocks             | 1.9   | 3.0   | 2.3   | 2.9   | 2.5   | 2.0   | 2.6   | 2.6   | 2.3   | 2.8   | 1.9   |
| <b>Net Exports</b>        | 3.7   | 5.5   | 4.6   | 6.3   | 5.8   | 6.6   | 8.8   | 8.4   | 9.6   | 11.1  | 9.3   |
| <b>Total Demand</b>       | 16.9  | 21.1  | 20.0  | 23.5  | 22.6  | 23.8  | 27.8  | 28.4  | 29.9  | 32.8  | 29.5  |

## World Sunflowerseed Products Supply & Utilization

|                           | 21/22       | 22/23       | 23/24       | 24/25       | 25/26       | 26/27       | 27/28       | 28/29       | 29/30       | 30/31       | 31/32       | 32/33       |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Sunflowerseed Meal</b> |             |             |             |             |             |             |             |             |             |             |             |             |
| (Million metric tons)     |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>Supply</b>             |             |             |             |             |             |             |             |             |             |             |             |             |
| Production                | 28.7        | 27.9        | 29.5        | 30.4        | 31.6        | 32.4        | 33.2        | 33.8        | 34.3        | 34.7        | 35.1        | 35.5        |
| Beginning stocks          | 21.4        | 21.8        | 22.5        | 23.0        | 23.7        | 24.2        | 24.7        | 25.0        | 25.4        | 25.7        | 26.0        | 26.2        |
| Net imports               | 1.1         | 1.0         | 1.4         | 1.7         | 1.8         | 1.9         | 2.0         | 2.1         | 2.1         | 2.2         | 2.2         | 2.3         |
| Net exports               | 6.1         | 5.1         | 5.5         | 5.8         | 6.1         | 6.3         | 6.5         | 6.7         | 6.8         | 6.8         | 6.9         | 6.9         |
| <b>Utilization</b>        |             |             |             |             |             |             |             |             |             |             |             |             |
| Consumption               | 22.1        | 22.1        | 23.6        | 24.3        | 25.0        | 25.7        | 26.2        | 26.7        | 27.1        | 27.5        | 27.8        | 28.2        |
| Ending Stocks             | 21.1        | 20.6        | 21.9        | 22.5        | 23.2        | 23.7        | 24.2        | 24.6        | 24.9        | 25.2        | 25.5        | 25.8        |
| Net exports               | 1.0         | 1.4         | 1.7         | 1.8         | 1.9         | 2.0         | 2.1         | 2.1         | 2.2         | 2.2         | 2.3         | 2.3         |
| Net Exports               | 6.3         | 5.8         | 5.8         | 6.1         | 6.4         | 6.7         | 6.9         | 7.1         | 7.2         | 7.2         | 7.3         | 7.3         |
| <b>Total Demand</b>       | <b>28.4</b> | <b>27.9</b> | <b>29.4</b> | <b>30.3</b> | <b>31.5</b> | <b>32.3</b> | <b>33.1</b> | <b>33.8</b> | <b>34.3</b> | <b>34.7</b> | <b>35.1</b> | <b>35.5</b> |
| <b>Sunflowerseed Oil</b>  |             |             |             |             |             |             |             |             |             |             |             |             |
| <b>Supply</b>             |             |             |             |             |             |             |             |             |             |             |             |             |
| Production                | 28.8        | 29.1        | 30.3        | 30.9        | 32.1        | 33.0        | 33.9        | 34.6        | 35.2        | 35.7        | 36.1        | 36.5        |
| Beginning stocks          | 19.9        | 20.1        | 20.7        | 21.2        | 21.9        | 22.3        | 22.8        | 23.2        | 23.6        | 23.9        | 24.1        | 24.4        |
| Net imports               | 1.9         | 2.3         | 2.3         | 2.4         | 2.4         | 2.4         | 2.4         | 2.5         | 2.5         | 2.6         | 2.6         | 2.6         |
| Net exports               | 7.1         | 6.6         | 7.2         | 7.4         | 7.9         | 8.3         | 8.6         | 8.9         | 9.1         | 9.2         | 9.4         | 9.5         |
| <b>Utilization</b>        |             |             |             |             |             |             |             |             |             |             |             |             |
| Consumption               | 20.3        | 20.7        | 21.5        | 21.9        | 22.6        | 23.2        | 23.7        | 24.1        | 24.5        | 24.8        | 25.1        | 25.4        |
| Ending Stocks             | 18.0        | 18.3        | 19.2        | 19.6        | 20.2        | 20.7        | 21.2        | 21.6        | 21.9        | 22.2        | 22.5        | 22.8        |
| Net exports               | 2.3         | 2.3         | 2.4         | 2.4         | 2.4         | 2.4         | 2.5         | 2.5         | 2.6         | 2.6         | 2.6         | 2.6         |
| Net Exports               | 8.5         | 8.2         | 8.7         | 8.9         | 9.4         | 9.7         | 10.1        | 10.3        | 10.5        | 10.7        | 10.8        | 10.9        |
| <b>Total Demand</b>       | <b>28.8</b> | <b>28.9</b> | <b>30.2</b> | <b>30.8</b> | <b>32.0</b> | <b>32.9</b> | <b>33.8</b> | <b>34.5</b> | <b>35.0</b> | <b>35.5</b> | <b>36.0</b> | <b>36.3</b> |

## Sunflowerseed Meal Trade

|                          | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)   |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>     |       |       |       |       |       |       |       |       |       |       |       |
| Argentina                | 740   | 839   | 327   | 363   | 556   | 734   | 789   | 761   | 883   | 599   | 954   |
| Russia                   | 566   | 1,681 | 1,361 | 1,722 | 1,330 | 1,204 | 1,291 | 1,163 | 1,566 | 2,013 | 1,722 |
| Ukraine                  | 2,926 | 3,836 | 3,050 | 3,648 | 3,388 | 3,816 | 4,806 | 4,229 | 4,803 | 5,171 | 4,394 |
| United States            | 3     | 3     | 19    | -3    | -13   | -9    | -6    | 5     | 13    | 18    | 24    |
| Total net exports        | 4,235 | 6,359 | 4,757 | 5,730 | 5,261 | 5,745 | 6,880 | 6,158 | 7,265 | 7,801 | 7,094 |
| <b>Net importers</b>     |       |       |       |       |       |       |       |       |       |       |       |
| China                    | 0     | -1    | -1    | 1     | -10   | -23   | -32   | 186   | 1,262 | 2,038 | 2,228 |
| EU27                     | 2,147 | 3,734 | 2,908 | 3,195 | 2,911 | 3,086 | 3,036 | 2,625 | 2,944 | 2,315 | 1,889 |
| India                    | -4    | 18    | 90    | 33    | 28    | 180   | 304   | 120   | 154   | 340   | 103   |
| Rest of world            | 1,620 | 2,263 | 1,582 | 2,076 | 2,031 | 2,239 | 3,079 | 2,907 | 2,815 | 2,829 | 2,330 |
| Total net imports        | 3,763 | 6,014 | 4,579 | 5,305 | 4,960 | 5,482 | 6,387 | 5,838 | 7,175 | 7,522 | 6,550 |
| Residual                 | 472   | 345   | 178   | 425   | 301   | 263   | 493   | 320   | 90    | 279   | 544   |
| Sunmeal price, Ukraine   | 254   | 263   | 318   | 315   | 269   | 233   | 178   | 224   | 219   | 217   | 312   |
| (Dollars per metric ton) |       |       |       |       |       |       |       |       |       |       |       |

## Sunflowerseed Oil Trade

|                          | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20  | 20/21 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| (Thousand metric tons)   |       |       |       |       |       |       |       |       |       |        |       |
| <b>Net exporters</b>     |       |       |       |       |       |       |       |       |       |        |       |
| Argentina                | 978   | 790   | 353   | 343   | 502   | 605   | 766   | 783   | 854   | 558    | 829   |
| Russia                   | 31    | 1,413 | 990   | 1,788 | 1,453 | 1,538 | 2,160 | 2,280 | 2,642 | 3,829  | 3,245 |
| Ukraine                  | 2,651 | 3,262 | 3,244 | 4,180 | 3,870 | 4,499 | 5,851 | 5,341 | 6,063 | 6,686  | 5,273 |
| Total net exports        | 3,660 | 5,465 | 4,587 | 6,311 | 5,825 | 6,642 | 8,777 | 8,404 | 9,559 | 11,073 | 9,347 |
| <b>Net importers</b>     |       |       |       |       |       |       |       |       |       |        |       |
| China                    | 22    | 121   | 361   | 529   | 532   | 877   | 723   | 783   | 1,030 | 1,746  | 1,637 |
| EU27                     | 652   | 785   | 701   | 667   | 411   | 1,044 | 1,067 | 682   | 1,206 | 1,493  | 918   |
| India                    | 634   | 1,071 | 953   | 1,514 | 1,571 | 1,489 | 2,147 | 2,472 | 2,324 | 2,510  | 1,954 |
| United States            | 9     | 55    | 4     | -2    | 51    | 3     | 22    | 33    | 5     | 129    | 89    |
| Rest of world            | 1,522 | 2,834 | 2,113 | 2,873 | 2,149 | 2,380 | 3,380 | 3,262 | 3,136 | 3,441  | 3,094 |
| Total net imports        | 2,839 | 4,866 | 4,132 | 5,581 | 4,714 | 5,793 | 7,339 | 7,232 | 7,701 | 9,319  | 7,692 |
| Residual                 | 821   | 599   | 455   | 730   | 1,111 | 849   | 1,438 | 1,172 | 1,858 | 1,754  | 1,655 |
| Sunoil price, NW Europe  | 1,404 | 1,254 | 1,189 | 929   | 850   | 849   | 807   | 776   | 719   | 795    | 1,350 |
| (Dollars per metric ton) |       |       |       |       |       |       |       |       |       |        |       |

## Sunflowerseed Meal Trade

|                               | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Thousand metric tons)        |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Net exporters</b>          |       |       |       |       |       |       |       |       |       |       |       |       |
| Argentina                     | 950   | 914   | 875   | 799   | 759   | 706   | 662   | 609   | 564   | 525   | 490   | 458   |
| Russia                        | 2,022 | 2,077 | 2,052 | 2,251 | 2,226 | 2,274 | 2,293 | 2,315 | 2,339 | 2,357 | 2,374 | 2,386 |
| Ukraine                       | 3,272 | 2,778 | 2,846 | 3,015 | 3,423 | 3,672 | 3,922 | 4,115 | 4,238 | 4,339 | 4,415 | 4,463 |
| United States                 | 14    | 26    | 26    | 26    | 26    | 26    | 26    | 26    | 26    | 26    | 26    | 26    |
| Total net exports             | 6,258 | 5,795 | 5,800 | 6,091 | 6,433 | 6,678 | 6,903 | 7,065 | 7,167 | 7,247 | 7,304 | 7,333 |
| <b>Net importers</b>          |       |       |       |       |       |       |       |       |       |       |       |       |
| China                         | 1,943 | 1,493 | 1,753 | 1,953 | 2,089 | 2,193 | 2,283 | 2,361 | 2,430 | 2,496 | 2,559 | 2,622 |
| EU27                          | 1,655 | 1,096 | 1,177 | 1,161 | 1,273 | 1,331 | 1,417 | 1,476 | 1,506 | 1,533 | 1,549 | 1,543 |
| India                         | 179   | 176   | 179   | 177   | 182   | 184   | 188   | 190   | 191   | 192   | 192   | 192   |
| Rest of world                 | 2,308 | 2,299 | 2,409 | 2,496 | 2,578 | 2,623 | 2,646 | 2,647 | 2,634 | 2,612 | 2,583 | 2,580 |
| Total net imports             | 6,085 | 5,064 | 5,518 | 5,787 | 6,123 | 6,330 | 6,534 | 6,674 | 6,762 | 6,833 | 6,883 | 6,938 |
| Residual                      | 425   | 722   | 392   | 392   | 392   | 392   | 392   | 392   | 392   | 392   | 392   | 392   |
| <b>Sunmeal price, Ukraine</b> | 240   | 205   | 208   | 196   | 191   | 186   | 183   | 179   | 176   | 172   | 168   | 164   |

## Sunflowerseed Oil Trade

|                                | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28  | 28/29  | 29/30  | 30/31  | 31/32  | 32/33  |
|--------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons)         |       |       |       |       |       |       |        |        |        |        |        |        |
| <b>Net exporters</b>           |       |       |       |       |       |       |        |        |        |        |        |        |
| Argentina                      | 900   | 888   | 886   | 817   | 789   | 749   | 715    | 670    | 632    | 599    | 568    | 537    |
| Russia                         | 3,099 | 3,720 | 4,019 | 4,101 | 4,146 | 4,233 | 4,303  | 4,364  | 4,424  | 4,481  | 4,535  | 4,583  |
| Ukraine                        | 4,464 | 3,632 | 3,762 | 3,964 | 4,425 | 4,745 | 5,063  | 5,308  | 5,481  | 5,622  | 5,733  | 5,816  |
| Total net exports              | 8,463 | 8,241 | 8,666 | 8,882 | 9,361 | 9,727 | 10,081 | 10,342 | 10,536 | 10,702 | 10,836 | 10,935 |
| <b>Net importers</b>           |       |       |       |       |       |       |        |        |        |        |        |        |
| China                          | 507   | 1,089 | 1,048 | 1,081 | 1,120 | 1,152 | 1,182  | 1,207  | 1,229  | 1,251  | 1,272  | 1,292  |
| EU27                           | 1,290 | 756   | 1,024 | 972   | 1,048 | 1,089 | 1,170  | 1,241  | 1,300  | 1,354  | 1,405  | 1,451  |
| India                          | 1,894 | 1,771 | 1,845 | 1,902 | 1,995 | 2,077 | 2,159  | 2,229  | 2,286  | 2,334  | 2,373  | 2,403  |
| United States                  | 148   | 264   | 203   | 171   | 172   | 189   | 208    | 220    | 225    | 225    | 223    | 220    |
| Rest of world                  | 3,217 | 2,731 | 3,075 | 3,286 | 3,555 | 3,751 | 3,893  | 3,975  | 4,026  | 4,068  | 4,093  | 4,099  |
| Total net imports              | 7,056 | 6,611 | 7,196 | 7,412 | 7,890 | 8,257 | 8,611  | 8,872  | 9,066  | 9,232  | 9,366  | 9,465  |
| Residual                       | 1,407 | 1,630 | 1,470 | 1,470 | 1,470 | 1,470 | 1,470  | 1,470  | 1,470  | 1,470  | 1,470  | 1,470  |
| <b>Sunoil price, NW Europe</b> | 1,597 | 1,439 | 1,423 | 1,355 | 1,316 | 1,285 | 1,278  | 1,277  | 1,276  | 1,278  | 1,292  | 1,351  |

## World Palm Oil Supply & Utilization

|                           | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)        |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>     | 17.0  | 18.0  | 18.6  | 19.5  | 20.4  | 21.3  | 22.1  | 22.8  | 23.4  | 24.1  | 24.5  |
| (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |
| <b>Yield</b>              | 2.89  | 2.90  | 3.02  | 3.03  | 3.05  | 2.75  | 2.96  | 3.10  | 3.17  | 3.03  | 2.99  |
| (Million metric tons)     |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             | 85.7  | 93.3  | 102.4 | 105.8 | 111.1 | 107.1 | 114.6 | 121.7 | 131.2 | 129.3 | 129.4 |
| Production                | 49.2  | 52.3  | 56.2  | 59.2  | 62.0  | 58.8  | 65.2  | 70.5  | 74.2  | 73.0  | 73.1  |
| Beginning stocks          | 6.4   | 8.2   | 9.4   | 9.4   | 9.6   | 10.9  | 8.7   | 10.2  | 12.7  | 14.7  | 15.5  |
| Net imports               | 30.1  | 32.7  | 36.7  | 37.2  | 39.5  | 37.5  | 40.7  | 40.9  | 44.3  | 41.6  | 40.8  |
| <b>Utilization</b>        | 53.7  | 59.1  | 64.5  | 67.1  | 68.7  | 68.1  | 71.2  | 78.8  | 85.7  | 86.6  | 87.9  |
| Consumption               | 45.5  | 49.7  | 55.1  | 57.5  | 57.8  | 59.4  | 61.0  | 66.0  | 71.0  | 71.1  | 73.2  |
| Ending Stocks             | 8.2   | 9.4   | 9.4   | 9.6   | 10.9  | 8.7   | 10.2  | 12.7  | 14.7  | 15.5  | 14.8  |
| <b>Net Exports</b>        | 32.0  | 34.2  | 37.9  | 38.7  | 42.4  | 39.0  | 43.3  | 42.9  | 45.5  | 42.7  | 41.5  |
| <b>Total Demand</b>       | 85.7  | 93.3  | 102.4 | 105.8 | 111.1 | 107.1 | 114.5 | 121.7 | 131.2 | 129.3 | 129.4 |

## Palm Oil Production

|                       | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |
| India                 | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |
| Indonesia             | 7.3   | 8.1   | 8.4   | 9.0   | 9.5   | 10.2  | 10.6  | 11.0  | 11.3  | 11.8  | 12.0  |
| Malaysia              | 4.2   | 4.3   | 4.4   | 4.5   | 4.7   | 4.8   | 4.9   | 5.2   | 5.3   | 5.4   | 5.4   |
| Rest of world         | 7.3   | 7.8   | 8.3   | 8.4   | 8.9   | 8.9   | 10.1  | 11.1  | 11.6  | 11.0  | 11.4  |
| <b>World total</b>    | 18.8  | 20.2  | 21.2  | 21.9  | 23.2  | 23.9  | 25.7  | 27.4  | 28.3  | 28.2  | 28.9  |

## World Palm Oil Supply & Utilization

|                           | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million hectares)        |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Area Harvested</b>     | 25.1  | 25.5  | 26.0  | 26.5  | 26.9  | 27.1  | 27.2  | 27.3  | 27.4  | 27.5  | 27.5  | 27.5  |
| <b>Yield</b>              | 3.02  | 3.07  | 3.11  | 3.17  | 3.20  | 3.23  | 3.26  | 3.29  | 3.31  | 3.34  | 3.37  | 3.40  |
| (Metric tons per hectare) |       |       |       |       |       |       |       |       |       |       |       |       |
| <b>Supply</b>             | 126.7 | 137.4 | 141.0 | 145.5 | 148.9 | 151.9 | 154.1 | 155.9 | 157.7 | 159.4 | 161.1 | 162.6 |
| Production                | 75.9  | 78.2  | 81.1  | 84.1  | 86.0  | 87.5  | 88.7  | 89.8  | 90.8  | 91.8  | 92.7  | 93.5  |
| Beginning stocks          | 14.8  | 16.7  | 16.9  | 17.2  | 17.8  | 18.4  | 18.9  | 19.3  | 19.6  | 19.9  | 20.1  | 20.3  |
| Net imports               | 36.0  | 42.4  | 43.0  | 44.2  | 45.1  | 46.0  | 46.5  | 46.8  | 47.3  | 47.8  | 48.3  | 48.7  |
| <b>Utilization</b>        | 90.0  | 93.6  | 96.6  | 99.9  | 102.4 | 104.4 | 106.2 | 107.6 | 109.0 | 110.2 | 111.3 | 112.4 |
| Consumption               | 73.3  | 76.7  | 79.4  | 82.0  | 84.0  | 85.5  | 86.8  | 88.0  | 89.1  | 90.1  | 91.0  | 91.9  |
| Ending Stocks             | 16.7  | 16.9  | 17.2  | 17.8  | 18.4  | 18.9  | 19.3  | 19.6  | 19.9  | 20.1  | 20.3  | 20.5  |
| <b>Net Exports</b>        | 36.7  | 43.7  | 44.3  | 45.6  | 46.5  | 47.4  | 47.8  | 48.2  | 48.6  | 49.2  | 49.7  | 50.1  |
| <b>Total Demand</b>       | 126.7 | 137.3 | 140.9 | 145.4 | 148.9 | 151.8 | 154.0 | 155.8 | 157.6 | 159.4 | 161.0 | 162.5 |

## Palm Oil Production

|                       | 21/22 | 22/23 | 23/24 | 24/25 | 25/26 | 26/27 | 27/28 | 28/29 | 29/30 | 30/31 | 31/32 | 32/33 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (Million metric tons) |       |       |       |       |       |       |       |       |       |       |       |       |
| India                 | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Indonesia             | 12.3  | 12.5  | 12.9  | 13.2  | 13.4  | 13.5  | 13.6  | 13.6  | 13.6  | 13.6  | 13.6  | 13.5  |
| Malaysia              | 5.5   | 5.5   | 5.6   | 5.6   | 5.7   | 5.7   | 5.8   | 5.8   | 5.8   | 5.9   | 5.9   | 5.9   |
| Rest of world         | 12.6  | 13.0  | 13.4  | 13.8  | 14.1  | 14.4  | 14.7  | 14.9  | 15.2  | 15.5  | 15.7  | 15.9  |
| <b>World total</b>    | 30.5  | 31.1  | 31.9  | 32.7  | 33.3  | 33.7  | 34.1  | 34.4  | 34.7  | 35.0  | 35.3  | 35.5  |

## Palm Oil Trade

|                                 | 10/11  | 11/12  | 12/13  | 13/14  | 14/15  | 15/16  | 16/17  | 17/18  | 18/19  | 19/20  | 20/21  |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons)          |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>            |        |        |        |        |        |        |        |        |        |        |        |
| Indonesia                       | 16,400 | 18,453 | 20,335 | 21,692 | 25,956 | 22,906 | 27,628 | 26,966 | 28,195 | 26,238 | 26,874 |
| Malaysia                        | 15,558 | 15,734 | 17,567 | 16,986 | 16,412 | 16,108 | 15,680 | 15,932 | 17,307 | 16,422 | 14,578 |
| Total net exports               | 31,958 | 34,187 | 37,902 | 38,678 | 42,368 | 39,014 | 43,308 | 42,898 | 45,502 | 42,660 | 41,452 |
| <b>Net importers</b>            |        |        |        |        |        |        |        |        |        |        |        |
| China                           | 5,710  | 5,840  | 6,588  | 5,571  | 5,695  | 4,684  | 4,868  | 5,288  | 6,764  | 6,686  | 6,804  |
| EU27                            | 4,744  | 5,538  | 6,677  | 6,807  | 6,819  | 6,569  | 6,705  | 6,573  | 6,856  | 6,960  | 5,811  |
| India                           | 5,584  | 7,201  | 8,364  | 7,820  | 9,139  | 8,857  | 9,341  | 8,608  | 9,710  | 7,397  | 8,410  |
| United States                   | 953    | 1,014  | 1,256  | 1,207  | 1,121  | 1,293  | 1,350  | 1,511  | 1,520  | 1,498  | 1,569  |
| Rest of world                   | 13,112 | 13,155 | 13,860 | 15,798 | 16,681 | 16,096 | 18,387 | 18,951 | 19,436 | 19,026 | 18,193 |
| Total net imports               | 30,103 | 32,748 | 36,745 | 37,203 | 39,455 | 37,499 | 40,651 | 40,931 | 44,286 | 41,567 | 40,787 |
| Residual                        | 1,855  | 1,439  | 1,157  | 1,475  | 2,913  | 1,515  | 2,657  | 1,967  | 1,216  | 1,093  | 665    |
| (Dollars per metric ton)        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Palm oil price, Malaysia</b> | 1,154  | 1,032  | 791    | 803    | 626    | 628    | 699    | 626    | 521    | 645    | 1,021  |

## Palm Oil Trade

|                                 | 21/22  | 22/23  | 23/24  | 24/25  | 25/26  | 26/27  | 27/28  | 28/29  | 29/30  | 30/31  | 31/32  | 32/33  |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (Thousand metric tons)          |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Net exporters</b>            |        |        |        |        |        |        |        |        |        |        |        |        |
| Indonesia                       | 22,321 | 28,438 | 29,525 | 30,226 | 30,957 | 31,709 | 32,126 | 32,386 | 32,722 | 33,119 | 33,451 | 33,700 |
| Malaysia                        | 14,427 | 15,228 | 14,818 | 15,332 | 15,510 | 15,646 | 15,721 | 15,802 | 15,924 | 16,081 | 16,241 | 16,397 |
| Total net exports               | 36,748 | 43,666 | 44,344 | 45,558 | 46,467 | 47,356 | 47,847 | 48,189 | 48,646 | 49,200 | 49,693 | 50,097 |
| <b>Net importers</b>            |        |        |        |        |        |        |        |        |        |        |        |        |
| China                           | 4,372  | 7,176  | 7,151  | 7,335  | 7,463  | 7,568  | 7,618  | 7,646  | 7,680  | 7,720  | 7,750  | 7,761  |
| EU27                            | 4,950  | 5,344  | 5,269  | 5,367  | 5,431  | 5,493  | 5,490  | 5,471  | 5,467  | 5,470  | 5,463  | 5,449  |
| India                           | 7,785  | 8,762  | 9,335  | 9,799  | 10,089 | 10,367 | 10,577 | 10,731 | 10,899 | 11,084 | 11,248 | 11,375 |
| United States                   | 1,584  | 1,664  | 1,681  | 1,708  | 1,734  | 1,759  | 1,773  | 1,782  | 1,791  | 1,804  | 1,816  | 1,828  |
| Rest of world                   | 17,344 | 19,501 | 19,528 | 19,969 | 20,369 | 20,788 | 21,008 | 21,178 | 21,429 | 21,742 | 22,035 | 22,303 |
| Total net imports               | 36,035 | 42,447 | 42,963 | 44,177 | 45,086 | 45,975 | 46,467 | 46,808 | 47,265 | 47,819 | 48,312 | 48,716 |
| Residual                        | 713    | 1,219  | 1,381  | 1,381  | 1,381  | 1,381  | 1,381  | 1,381  | 1,381  | 1,381  | 1,381  | 1,381  |
| <b>Palm oil price, Malaysia</b> | 1,367  | 1,088  | 1,091  | 1,061  | 1,034  | 1,011  | 1,021  | 1,046  | 1,061  | 1,068  | 1,077  | 1,098  |
| (Dollars per metric ton)        |        |        |        |        |        |        |        |        |        |        |        |        |