# Fertilizer/Agro-chemical report
# Kunsmis/Landbou-chemiese verslag

**Updated: May 2022**

(Used International prices for April)

**Opgedateer: Mei 2022**

(Gebruik Internasionale pryse vir April)

# Chemical Prices/Chemikalieë Pryse

# Onkruiddoders/Herbicides

| Internasionale onkruiddoder pryse – Jaar-op-jaar veranderinge ($/t)/<br>International herbicide prices - Year to Year change ($/t) | | | |
|---|---|---|---|
| | **Apr-21** | **Apr-22** | **% change** |
| | **USD/t** | **USD/t** | |
| Glyphosate (95%) | 5 414 | 10 732 | +98,2 |
| Acetochlor (92%) | 4 610 | 7 440 | +61,4 |
| Atrazine (97%) | 3 094 | 5 927 | +91,6 |
| Metolachlor (97%) | 4 462 | 8 129 | +82,2 |
| Trifluralin (95%) | 6 741 | 5 780 | -14,3 |
| **R/$** | **14,41** | **15,03** | +4,3 |

| Internasionale onkruiddoder pryse – Jaar-op-jaar veranderinge (R/t)/<br>International herbicide prices - Year to Year change (R/t) | | | |
|---|---|---|---|
| | **Apr-21** | **Apr-22** | **% change** |
| | R/t | R/t | |
| Glyphosate (95%) | 78 022 | 161 302 | +106,7 |
| Acetochlor (92%) | 66 430 | 111 828 | +68,3 |
| Atrazine (97%) | 44 581 | 89 088 | +99,8 |
| Metolachlor (97%) | 64 294 | 122 184 | +90,0 |
| Trifluralin (95%) | 97 138 | 86 868 | -10,6 |

# Onkruiddoders/Herbicides

| International herbicide prices - Month to month change ($/t) | | | |
|---|---|---|---|
| | **Mar-22** | **Apr-22** | **% change** |
| | USD/t | USD/t | |
| Glyphosate (95%) | 12 330 | 10 732 | -13,0 |
| Acetochlor (92%) | 7 499 | 7 440 | -0,8 |
| Atrazine (97%) | 5 974 | 5 927 | -0,8 |
| Metolachlor (97%) | 7 885 | 8 129 | +3,1 |
| Trifluralin (95%) | 5 825 | 5 780 | -0,8 |
| **R/$** | **14,97** | **15,03** | +0,4 |

| International herbicide prices - Month to Month change (R/t) | | | |
|---|---|---|---|
| | **Mar-22** | **Apr-22** | **% change** |
| | R/t | R/t | |
| Glyphosate (95%) | 184 584 | 161 302 | -12,6 |
| Acetochlor (92%) | 112 256 | 111 828 | -0,4 |
| Atrazine (97%) | 89 430 | 89 088 | -0,4 |
| Metolachlor (97%) | 118 032 | 122 184 | +3,5 |
| Trifluralin (95%) | 87 201 | 86 868 | -0,4 |

# Insekdoders/Insecticides

| Internasionale insekdoders pryse - Jaar-op-jaar veranderinge ($/t)/ International insecticide prices - Year to Year change ($/t) | | | |
|---|---|---|---|
| | **Apr-21** | **Apr-22** | **% change** |
| | USD/t | USD/t | |
| Imidacloprid (95%) | 19 141 | 24 667 | +28,9 |
| Lambda-cyhalothrin (95%) | 26 193 | 31 923 | +21,9 |
| Carbofuran (99%) | 15 731 | 17 776 | +13,0 |
| Deltamethrin (98%) | 85 980 | 87 312 | +1,5 |
| Acetamiprid (95%) | 17 214 | 24 514 | +42,4 |
| Chlorpyrifos (95%) | 6 167 | 7 058 | +14,4 |
| Cypermethrin (94%) | 12 319 | 12 426 | +0,9 |
| **R/$** | **14,41** | **15,03** | +4,3 |

| Internasionale insekdoders pryse - Jaar-op-jaar veranderinge (R/t)/ International insecticide prices - Year to Year change (R/t) | | | |
|---|---|---|---|
| | **Apr-21** | **Apr-22** | **% change** |
| | R/t | R/t | |
| Imidacloprid (95%) | 275 828 | 370 742 | +34,4 |
| Lambda-cyhalothrin (95%) | 377 444 | 479 807 | +27,1 |
| Carbofuran (99%) | 226 683 | 267 176 | +17,9 |
| Deltamethrin (98%) | 1 238 973 | 1 312 303 | +5,9 |
| Acetamiprid (95%) | 248 051 | 368 440 | +48,5 |
| Chlorpyrifos (95%) | 88 866 | 106 074 | +19,4 |
| Cypermethrin (94%) | 177 520 | 186 768 | +5,2 |

# Insekdoders/Insecticides

| Internasionale insekdoders pryse - Maand-op-maand veranderinge ($/t)/ International insecticide prices – Month to Month change ($/t) | | | |
|---|---|---|---|
| | **Mar-22** | **Apr-22** | **% change** |
| | USD/t | USD/t | |
| Imidacloprid (95%) | 27 175 | 24 667 | -9,2 |
| Lambda-cyhalothrin (95%) | 34 407 | 31 923 | -7,2 |
| Carbofuran (99%) | 17 916 | 17 776 | -0,8 |
| Deltamethrin (98%) | 87 998 | 87 312 | -0,8 |
| Acetamiprid (95%) | 26 790 | 24 514 | -8,5 |
| Chlorpyrifos (95%) | 6 928 | 7 058 | +1,9 |
| Cypermethrin (94%) | 13 268 | 12 426 | -6,3 |
| **R/$** | **14,97** | **15,03** | +0,4 |

| Internasionale insekdoders pryse - Maand-op-maand veranderinge (R/t)/ International insecticide prices – Month to Month change (R/t) | | | |
|---|---|---|---|
| | **Mar-22** | **Apr-22** | **% change** |
| | R/t | R/t | |
| Imidacloprid (95%) | 406 817 | 370 742 | -8,9 |
| Lambda-cyhalothrin (95%) | 515 073 | 479 807 | -6,8 |
| Carbofuran (99%) | 268 200 | 267 176 | -0,4 |
| Deltamethrin (98%) | 1 317 332 | 1 312 303 | -0,4 |
| Acetamiprid (95%) | 401 041 | 368 440 | -8,1 |
| Chlorpyrifos (95%) | 103 708 | 106 074 | +2,3 |
| Cypermethrin (94%) | 198 626 | 186 768 | -6,0 |

# Swamdoders/Fungicides

| Internasionale swamdoder pryse – Jaar-op-jaar veranderinge ($/t)/ International fungicide prices - Year to Year change ($/t) | | | |
|---|---|---|---|
| | **Apr-21** | **Apr-22** | **% change** |
| | USD/t | USD/t | |
| 96% Azoxystrobin Technical | 38714 | 41510 | +7,2 |
| 95% Difenoconazole technical | 27297 | 26964 | -1,2 |
| 97% Epoxiconazole technical | 59473 | 72135 | +21,3 |
| 95% Propiconazole technical | 18697 | 29261 | +56,5 |
| 96% Trifloxystrobin technical | 83835 | 78450 | -6,4 |
| **R/$** | **14,41** | **15,03** | +4,3 |

| Internasionale swamdoder pryse – Jaar-op-jaar veranderinge (R/t)/ International fungicide prices - Year to Year change (R/t) | | | |
|---|---|---|---|
| | **Apr-21** | **Apr-22** | **% change** |
| | R/t | R/t | |
| 96% Azoxystrobin Technical | 557 873 | 623 902 | +11,8 |
| 95% Difenoconazole technical | 393 347 | 405 264 | +3,0 |
| 97% Epoxiconazole technical | 857 013 | 1 084 194 | +26,5 |
| 95% Propiconazole technical | 269 418 | 439 786 | +63,2 |
| 96% Trifloxystrobin technical | 1 208 057 | 1 179 104 | -2,4 |

# Swamdoders/Fungicides

| Internasionale swamdoder pryse – Jaar-op-jaar veranderinge ($/t)/ International fungicide prices – Month to month change ($/t) | | | |
|---|---|---|---|
| | **Mar-22** | **Apr-22** | **% change** |
| | USD/t | USD/t | |
| 96% Azoxystrobin Technical | 44923 | 41510 | -7,6 |
| 95% Difenoconazole technical | 29490 | 26964 | -8,6 |
| 97% Epoxiconazole technical | 72702 | 72135 | -0,8 |
| 95% Propiconazole technical | 31034 | 29261 | -5,7 |
| 96% Trifloxystrobin technical | 85021 | 78450 | -7,7 |
| **R/$** | **14,97** | **15,03** | **+0,4** |

| Internasionale swamdoder pryse – Jaar-op-jaar veranderinge (R/t)/ International fungicide prices – Month to month change (R/t) | | | |
|---|---|---|---|
| | **Mar-22** | **Apr-22** | **% change** |
| | R/t | R/t | |
| 96% Azoxystrobin Technical | 672 499 | 623 902 | -7,2 |
| 95% Difenoconazole technical | 441 471 | 405 264 | -8,2 |
| 97% Epoxiconazole technical | 1 088 348 | 1 084 194 | -0,4 |
| 95% Propiconazole technical | 464 574 | 439 786 | -5,3 |
| 96% Trifloxystrobin technical | 1 272 762 | 1 179 104 | -7,4 |

## Highlights in the Agrochemical sector

- The COVID-19 pandemic affected the production and supply of the agrochemicals market. The global pandemic has impacted the proper functioning of the international agrochemicals market. As countries are dependent on China for raw material supply, the restrictions imposed on transportation and imports across borders in various nations have resulted in shortages of raw materials. China is currently the largest glyphosate supplier in the world. The dynamics of China's glyphosate greatly impacts the global supply structure, over 80% of glyphosate produced in China is exported, to more than 20 destinations in the world.
- In China, on a month-to-month basis, prices of most herbicides, insecticides and fungicides decreased from March 2022 to April 2022. According to the tables in this report,, glyphosate (95%) (Dollar terms) decreased by 13% from March'22 to April'22 as the market demand for this product was rather weak. Although these prices decreased, according to a China Glyphosate Market Report (April 2022), it is expected that the price of glyphosate in China might rebound. It should also be noted that the operating rate of Chinese glyphosate manufacturers in the first half of April decreased from month-on-month, owing to the Covid 19 pandemic and manufacturers and buyers are thus cautious in the production and procurement. Prices of insecticide products in China were lower in China due to uncertain macro environment aspects and a weak market demand.
- Analyst in general predict pesticide shortages and price spikes are here to stay in 2022.

Source: Cnchemicals, https://www.dtnpf.com/agriculture/web/ag/crops/article/2022/02/08/pesticide-shortages-high-prices-ease

# Fertilizer Prices/Kunsmispryse

# International Fertilizer Prices/Internationale Kunsmispryse (Dollar Terms/ Dollar Waarde)

| Year on year change | Apr-21 | Apr-22 | % Change |
|---|---|---|---|
| **Kunsmis/Fertilizer** | **Dollar/ton** | **Dollar/ton** | **%** |
| Ammonia (Middle East) | 443 | 1124 | +153,7 |
| Urea (46) (Eastern Europe) | 325 | 693 | +113,2 |
| DAP (USA Gulf) | 580 | 1224 | +111,0 |
| KCL (CIS) | 245 | 923 | +276,7 |
| **Rand/Dollar exchange rate** | **14,41** | **15,03** | **+4,3** |

# Gemiddelde Internasionale kunsmispryse (Rand waarde)/ Average International fertilizer prices (Rand terms)

| Year on year change | Apr-21 | Apr-22 | % Change |
|---|---|---|---|
| **Kunsmis/Fertilizer** | **Rand/ton** | **Rand/ton** | **%** |
| Ammonia (Middle East) | 6384 | 16894 | +164,6 |
| Urea (46) (Eastern Europe) | 4683 | 10416 | +122,4 |
| DAP (USA Gulf) | 8358 | 18397 | +120,1 |
| KCL (CIS) | 3530 | 13873 | +292,9 |

# Local Fertilizer Prices/ Plaaslike Kunsmispryse (Rand Terms/Rand Waarde)

| Year on year change | May-21 | May-22 | % change |
|---|---|---|---|
| **Kunsmis/Fertilizer** | **Rand/ton** | **Rand/ton** | **%** |
| KAN (28) | 6724 | 13471 | +100,3 |
| Ureum (46) | 7880 | 18862 | +139,4 |
| MAP | 11753 | 23718 | +101,8 |
| Kaliumchloried | 6856 | 19136 | +179,1 |

# International Fertilizer Prices/Internationale Kunsmispryse (Dollar Terms/ Dollar Waarde)

| Month to month change | Mar-22 | Apr-22 | % Change |
|---|---|---|---|
| **Kunsmis/Fertilizer** | **Dollar/ton** | **Dollar/ton** | **%** |
| Ammonia (Middle East) | 1004 | 1124 | +12,0 |
| Urea (46) (Eastern Europe) | 692 | 693 | +0,1 |
| DAP (USA Gulf) | 932 | 1224 | +31,3 |
| KCL (CIS) | 794 | 923 | +16,2 |
| **Rand/Dollar exchange rate** | **14,97** | **15,03** | **+0,4** |

# Gemiddelde Internasionale kunsmispryse (Rand waarde)/Average International fertilizer prices (Rand terms)

| Month to month change | Mar-22 | April-22 | % Change |
|---|---|---|---|
| **Kunsmis/Fertiliser** | **Rand/ton** | **Rand/ton** | **%** |
| Ammonia (Middle East) | 15030 | 16894 | +12,4 |
| Urea (46) (Eastern Europe) | 10359 | 10416 | +0,5 |
| DAP (USA Gulf) | 13952 | 18397 | +31,9 |
| KCL (CIS) | 11886 | 13873 | +16,7 |

# Local Fertilizer Prices/ Plaaslike Kunsmispryse (Rand Terms/Rand Waarde)

| Month to month change | April-22 | May-22 | % Change |
|---|---|---|---|
| **Kunsmis/Fertiliser** | **Rand/ton** | **Rand/ton** | **%** |
| LAN (28) | 12786 | 13471 | +5,4 |
| Urea (46) | 20064 | 18862 | -6,0 |
| MAP | 23915 | 23718 | -0,8 |
| KCL | 21753 | 19136 | -12,0 |

## Highlights in the fertiliser market

- Natural gas and energy are crucial components to produce fertiliser and as those prices started to increase last year, it also consequently impacted fertiliser prices which increased. Due to these price increases the Chinese government reacted and implemented a ban on fertiliser exports to protect their local market –this ban is expected to last at least till the end of June 2022
- The Russian invasion of Ukraine also continues to have an impact on international fertiliser prices and as the invasion continues, Russian fertiliser are not finding their way around the world. Russia is the second largest producer of ammonia, urea, and potash and the fifth largest producer of processed phosphates. In terms of their share of the global export market, Russia accounts for 23% of ammonia, 14% of urea, and 21% of potash, as well as 10% of processed phosphate exports. Russia supplies approximately one-third of Europe's natural gas, the main feedstock to produce nitrogen fertiliser. Because of Russia's large fertiliser production and its role as a global fertiliser supplier, the limitation of Russian product from the global marketplace have a significant impact on supply. Russia plans to continue setting quotas for fertiliser exports during their next winter planting season and during the next spring grain planting season in spring 2023 (Russia spring is April/May).
- South Africa is currently experiencing the highest fertiliser prices ever seen in the history (internationally and locally).

Source: StoneX /Russia to keep fertiliser export quotas until next spring | The Poultry Site

## Highlights in the fertiliser market

- **Nitrogen**: Although nitrogen prices increased the first few months of the year, the urea market has started to stall as there is widespread buyer resistance to the current high urea prices and with Q2 being a global quiet period. The announcement of the Indian urea tender for 1.5 million tons caused a big drop in urea prices as suppliers competed to secure volumes. The tender closed on 11 May and requires shipment of product by 5 July. Further softening in urea prices is expected. Most of the urea market players are of the opinion that urea prices still have scope for further decreases, so most buyers are staying out of the market to try and push prices even lower. Another positive development is that concerns over urea availability have disappeared. Another downward price factor for urea was the increasing availability of Chinese urea - while the volumes remain small, this was unexpected by the market and many are choosing to read this as a sign that the Chinese authorities are likely to allow increased urea exports soon. CAN remains an expensive option versus urea and production costs in Europe (due to the high gas price there) remain uneconomic; it is likely that CAN will continue to maintain an above-normal premium over urea for the foreseeable future.
- **Phosphates:** The phosphate market was relative quiet and prices largely stable the past few weeks. There is an increasing downwards pressure on prices which is mainly due to a continuing lack of demand and some flow of Russian phosphates into the market. With US planting well in progress, there are reports that phosphate consumption in the US are about 10% down compared to prior years which is a massive decrease considering the size of the North American market and it gives a measure of the impact of high nutrient prices. On the other hand, Brazil is due to start buying phosphates for its summer rainfall season in the next month or two, so there will be some rebalancing of the phosphates market.

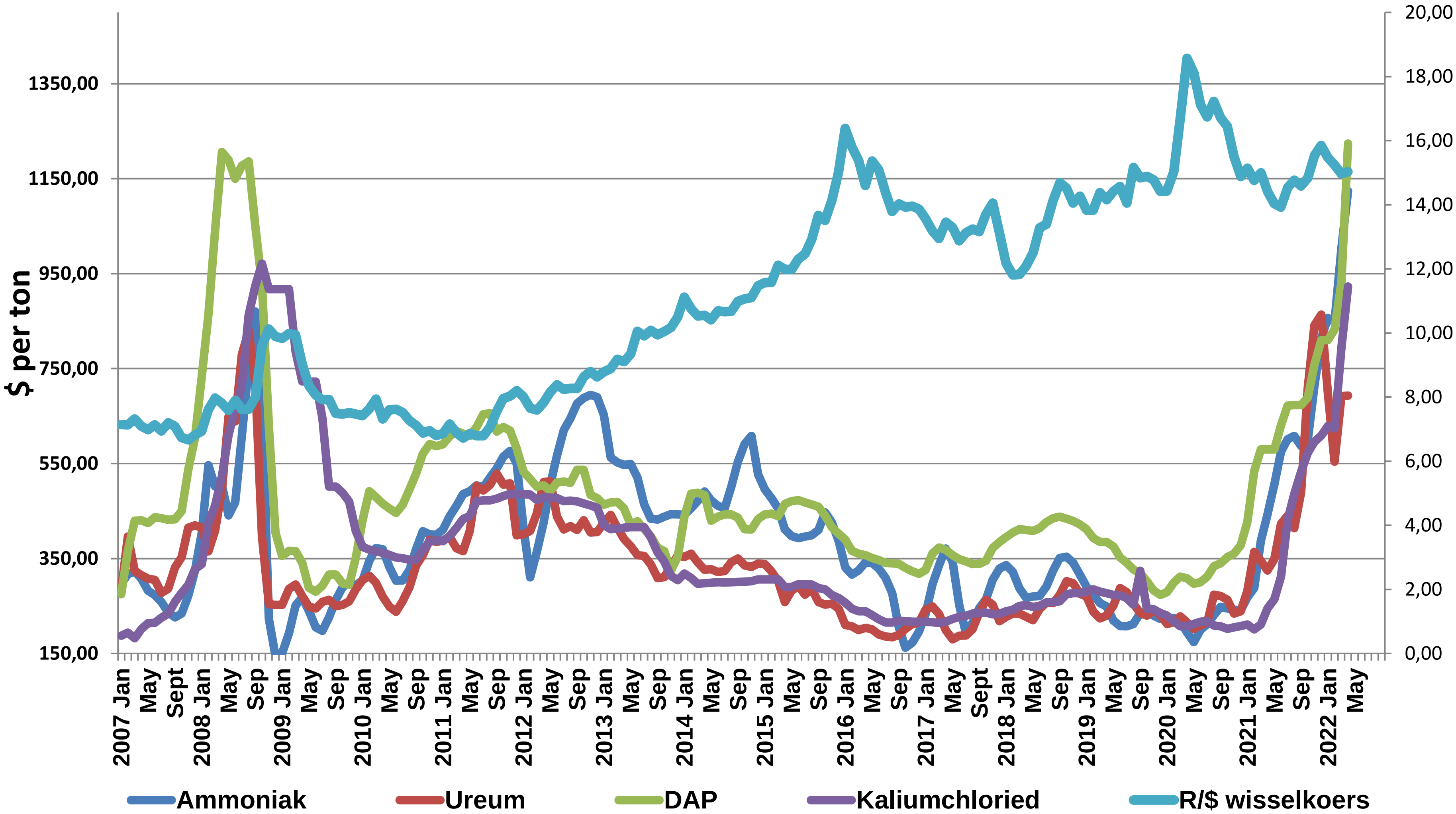
Source: F Curve Insight

## Highlights in the fertiliser market

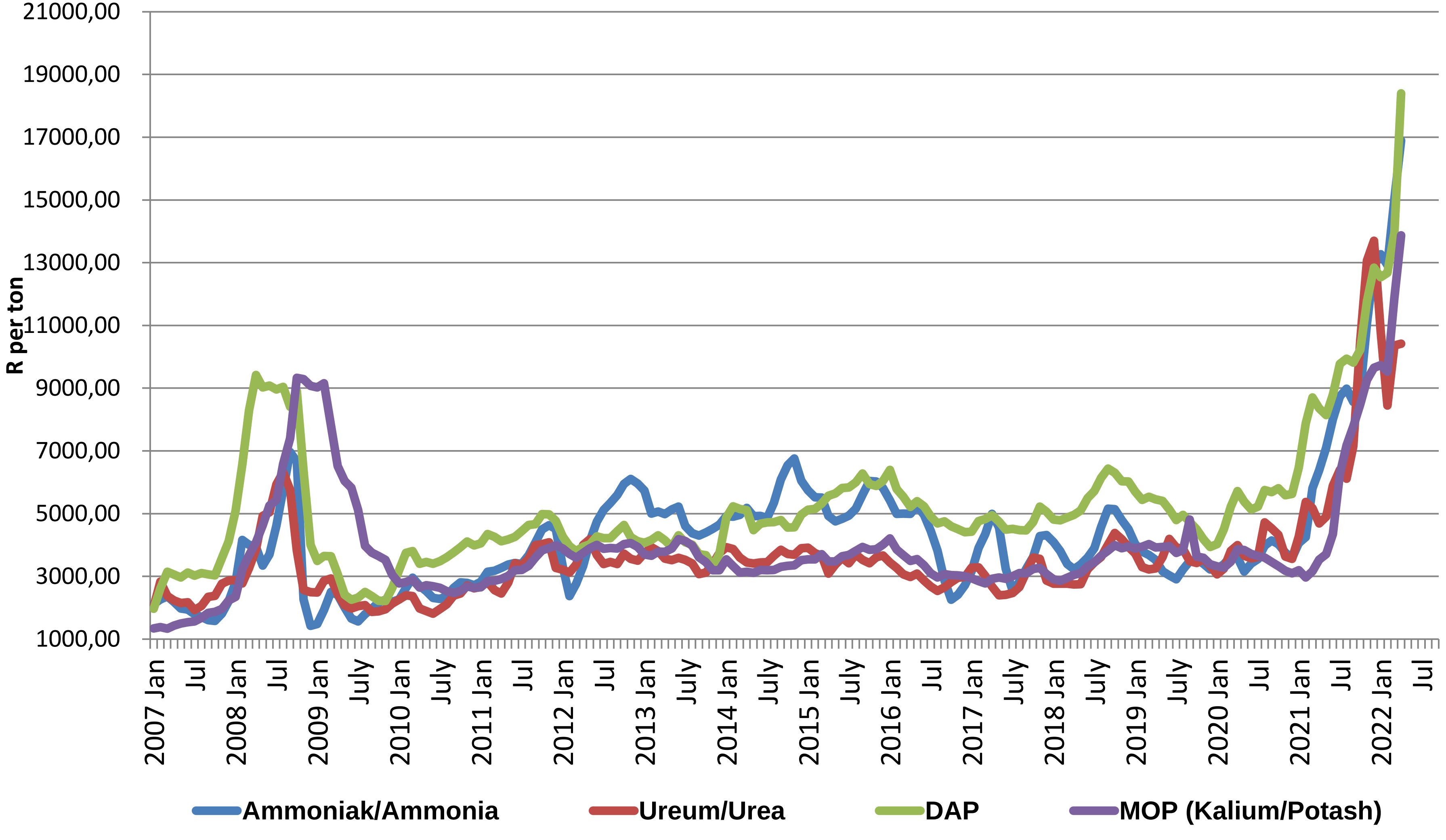
- **Potash**: Potash prices dipped in the US and Brazil as the lack of demand takes its toll. With no significant increases in supply in sight, potash prices are however not expected to weaken much. Affordability concerns leading to demand destruction and the arrival of some Russian cargoes were the main events in the Brazilian potash for the dip in the market. No meaningful price reductions are in general currently expected.

Source: F Curve Insight

# International Fertilizer Prices/
# Internasionale Kunsmispryse



# International Fertilizer Prices/ Internationale Kunsmispryse



# Local Fertilizer prices/ Plaaslike Kunsmispryse