

## INDEX

- AAP applied administered price. *See* MPS measurement
- Abbott, P., 53
- Abler, D., 60
- accession members. *See* members
- Ackrill, R., 194
- Ag-IMS Agriculture Information Management System, 121, 127
- AgIncentives consortium, 54, 107
- Agreement on Agriculture, 1, 9, 23–25, 43, 134, 231–233
- Art. 1 definition of terms, 5
- Art. 3 incorporation of concessions and commitments
- Art. 3.2 scheduled limit on support, 5, 26–28, 92–93, 224, 234
- Art. 3.3 scheduled limits on export subsidies, 26, 45–46, 171, 180, 189–190
- Art. 6 domestic support commitments, 3, 10, 27, 224, 233–235
- Art. 6.1 measures subject and not subject to limit, 4, 24, 228–229, 234
- Art. 6.2 developing country exemptions, 4, 28, 31–32, 206, 228, 234
- Art. 6.3 scheduled limit on support measured as CTAMS, 5, 28
- Art. 6.4 *de minimis* and CTAMS, 5, 30, 41–42, 90–93, 224
- Art. 6.5 blue box, 4, 28, 33, 229
- Art. 7 general disciplines on domestic support
- Art. 7.2(a) all non-exempt support in CTAMS, 28
- Art. 7.2(b) *de minimis* limit on each AMS if no BTAMS, 28, 170
- Art. 8 export competition commitments, 45–46, 171, 180, 183, 189–190
- Art. 9 export subsidy commitments
- Art. 9.1 export subsidies, listed, 45, 171, 189, 192, 231
- Art. 9.2 outlays and quantities, reduction commitments, 46
- Art. 9.4 marketing and transport costs, developing countries, 47, 172
- Art. 10 prevention of circumvention of export subsidy commitments
- Art. 10.1 export subsidies not listed in Art. 9.1, 45, 179, 183, 192–193
- Art. 10.2 export financing support, 45, 179
- Art. 13 due restraint, expired, 44, 46, 180
- Art. 15 special and differential treatment, 2, 32, 221, 223
- Art. 17 Committee on Agriculture, 2, 7, 13, 65–66, 116–118, 134, 219, 232
- Art. 18 review of implementation of commitments
- Art. 18.1 review of implementation, 7, 116

- Art. 18.2 notifications for review process, 71, 116, 170
- Art. 18.3 new or modified measures, 116
- Art. 18.4 inflation, consideration in review process, 117, 124, 163
- Art. 18.6 questions, any matter, 117
- Art. 18.7 counter-notifications, 54, 118, 129–130, 162, 165
- Art. 19 consultation and dispute settlement, 7–8, 15–17, 48, 151, 195–198, 222
- Art. 20 continuation of the reform process, 7, 14, 66, 134, 240
- Art. 21 final provisions, 43, 194
- Annex 2 green box, 4, 11, 21, 28, 33–37, 229, 238
- Annex 3 AMS calculation, 5, 10, 25, 28–30, 63–66, 226, 235
- Annex 4 EMS calculation, 29
- domestic support disciplines
  - complexity of rules, 51
  - distinctions, crucial for understanding, 26
  - evolving policy concerns, scope to address, 8, 18, 199, 230, 238
  - policy design, short of blueprint for, 221
  - policy guidance, 114
  - problematic aspects of Agreement, 8, 20, 220, 223, 237
  - uniqueness of, 1, 220
- domestic support disciplines, strengthening, 223, 230, 240
- managing support post-covid-19, 237–238
- MPS measurement, improving, 235–236
- rebalancing and reducing Art. 6 support, 224, 233–235
- reducing *de minimis* percentages, 225
- renegotiation, objective of, 233
- retaining Agriculture Agreement, 231–233
- sustainability and climate change mitigation, 238–240
- interface with DSU, contrast to earlier GATT disputes, 197
- interface with SCM Agreement, 44–45, 195–196
- subsidies and support, 45
- objectives, 1, 114, 220
- Agriculture Agreement. *See* Agreement on Agriculture
- Aguiar, A., 64
- Ahn, D., 160
- amber box, different uses of term, 5, 28
- AMS Aggregate Measurement of Support, 5, 10, 28–30, 226, 235, *See also* MPS; MPS measurement
  - Annex 3 rules, 28
  - contrast against support exempted under Art. 6.2, Art. 6.5 or Annex 2, 37
  - defined in Art. 1(a), 28, 154
  - constituent data and methodology (AGST), 153
  - different from OECD PSE, 25
  - economic interpretation vs. legal obligations, 26
  - levies or fees, 124
  - negative AMS, 30, 73, 124, 214
  - negative MPS, 30, 124
  - non-exempt direct payments, 24, 29
  - non-product-specific AMS, 5, 25, 29
    - distinction from product-specific AMS, ambiguity, 226
  - product-specific AMS, 5, 25, 29
- AMS support, notified
  - all and large-support members, selected years, 81
  - concentrated among few members, 81, 223
  - excessive of AMS limits, 93
  - excessive of BTAMS, 94
  - percentage of value of production, 83
  - product-specific and non-product-specific support, 84
  - trend 1995 to 2016–18, 81

- AMS support, room for  
*de minimis* allowances increase,  
 BTAMS constant, 42, 93  
*de minimis* AMS support, theoretical  
 room, 41  
 limits, structure of, 27–28, 90  
 among selected members, 42  
 AMS support, use of room  
 2016–19 increase, India, 109  
 2016–19 increase, US, 113  
 China, EU, India, Japan, US, selected  
 years, 90  
 Anderson, K., 12, 64  
 Annex 2 green box, 4, 11, 21, 28, 33–37,  
 229, 238  
 basic criteria involving public  
 funding and price support, 4,  
 34, 200  
 Decoupled income support, 11, 35,  
 229, 239  
 Direct payments to producers, 11,  
 35, 207  
 Domestic food aid, 35, 109  
 fundamental requirement, 4, 18, 34,  
 200, 207, 238  
 freestanding obligation,  
 ambiguity, 34, 200  
 minimal trade-distorting effects or  
 effects on production, 4, 200  
 negative effects on production,  
 ambiguity, 201, 217  
 only in Annex 2, not in Art. 6.2 or  
 Art. 6.5, 34  
 technology and resource base,  
 given in short run, 203, 238  
 General services, 18, 34, 109, 201,  
 212, 230  
 Government financial participation  
 in income insurance . . .  
 programmes, 35–36, 204, 207  
 land reform and rural livelihood  
 security, 15, 135, 206  
 Payments under environmental  
 programmes, 19, 36, 204, 208  
 Payments under regional assistance  
 programmes, 36  
 Payments . . . for relief from natural  
 disasters, 36, 204, 207  
 policy-specific criteria and  
 conditions, 4, 34, 200, 217  
 public stockholding for food security  
 purposes, 35, 67–68, 109,  
 136, 140–142. *See also*  
 Ministerial conferences  
 structural adjustment assistance  
 provided through  
 investment aids, 36–37  
 producer retirement programmes,  
 36–37  
 resource retirement programmes,  
 36, 210, 213  
 Annex 2 support, notified  
 all and large-support members,  
 selected years, 98–103  
 China, EU, India, Japan, US, 98, 208  
 direct payments, 102  
 dominant headings, selected  
 members, 102  
 factors behind increases, 98  
 percentage of value of production,  
 102  
 expenditures on public stocks and  
 food aid, 103  
 General services  
 dominant categories, selected  
 members, 102  
 percentage of value of production, 98  
 trend 1995 to 2016–18, 98, 229  
 Annex 3 AMS calculation. *See* AMS  
 Aggregate Measurement of  
 Support  
 Appellate Body, 3, 152, 221  
 Aquino Bonomo, C. S., 194  
 Art. 6 domestic support, 3, 10, 27, 224,  
 233–235  
 Art. 6 support, notified  
 AMS, Art. 6.2 and Art. 6.5 support  
 included, 10  
 concentrated among few members,  
 78, 81, 223  
 all and large-support members,  
 selected years, 78  
 percentage of value of production, 81  
 trend 1995 to 2016–18, 77  
 Art. 6.2 support, 4, 28, 31–32, 206, 228,  
 234

- criteria for exemption, 32
- exempt from CTAMS or also from individual AMs, 32
- motivation for exemption, 32
- Art. 6.2 support, notified, 11, 94–97
  - India, 95
  - input subsidies, 95
  - all and large-amount members, selected years, 95
  - operating vs. investment credit, subsidized, 95, 127
  - percentage of value of production, 97
  - trend 1995 to 2016–18, 95
- Art. 6.5 blue box, 4, 28, 32, 229
  - criteria for exclusion, 33, 229
  - direct payments under production-limiting programs, 32
  - as example of Art. 6 criteria for exemption, 217
  - exempt from CTAMS or also from individual AMs, 33
  - production-limiting program, not defined, 33, 229
- Art. 6.5 support, notified, 97–98
  - handful of members, 97
  - trend 1995 to 2016–18, 97
- Art. 9.1 export subsidies, listed, 45, 171, 189, 192, 231
  - Art. 9.1(a) certain direct subsidies, 171, 189
  - Art. 9.1(c) payments on the export, 189–193
- Art. 20 continuation of the reform
  - process, 7, 14, 66, 134, 240
  - environmental protection, 134
  - food security and rural development, 134
  - negotiating aims, 134
  - negotiations
    - cotton, 142, 221, 235
    - domestic support, rules and commitments on, 138–140
    - Public stockholding for food security purposes, 140–142, 221
    - transparency, 143
  - repurposing agricultural support, little attention given to, 200
  - special and differential treatment, 134, 137
- Art. XII members (WTO Agreement). *See* members
- Banga, R., 61
- Bartels, L., 44
- Barton, J. H., 25
- basic agricultural product, 29
- biodiversity, 8, 19, 208–211
  - AMS support, product-specific or non-product-specific, 206
  - outcome-based payments, 210–211
  - payments consistent with decoupled income support, difficulties, 210
  - practice-based payments, 210
  - recognition as agricultural policy concern, 209
- Biodiversity Conference 2021, UN, 209
- biosecurity in agriculture, 8, 205–207
  - 2008 draft modalities not agreed
  - payments in case of pests or diseases, expanded criteria, 205
  - inspection services, 204
  - pest and disease control, 204
  - SPS Agreement, 203
  - TBT Agreement, 203
- Birner, R., 56
- Blandford, D., 60, 62, 212
- blue box. *See* Art. 6.5
- border measures vs. measures not operating at the border, 24, 113
- Bown, C., 110
- box shifting, 88
- boxes not identified in Agreement, 28
- Brink, L., 25, 42, 66, 112, 135, 148, 156, 162–163
- BTAMS Bound Total AMS. *See also* CTAMS
  - accession members, 5
  - BTAMS for only some members, problems of, 5, 10, 51, 146, 224, 234
  - by member, 76

- BTAMS Bound Total AMS. (cont.)  
 flexibility if BTAMS is positive, 5, 10, 42, 52, 76, 93, 114, 224  
 no BTAMS if blank entry in Schedule, 5, 28, 42, 90  
 original members, 5  
 positive, nil, zero or blank, 5, 27–28  
 reducing positive BTAMS, 234  
 sum of BTAMS, 41  
 Total AMS Commitment, 5  
 use by EU, Japan, US, 92–93  
 Bureau, J.-C., 62, 190
- Cahill, C., 69, 147, 177  
 Cahill, S., 59  
 Canada – Dairy, 8, 17, 151, 191–193  
 domestic support and export subsidies, boundary of disciplines, 191–192  
 export subsidies within meaning of SCM Agreement illustrative list, 193  
 policy change, 195  
 total cost of production, significance of, 189, 191  
 USMCA, 195  
 CAP Common Agricultural Policy. *See* European Union (EU)  
 Chambers, R., 61  
 Chaplin, S., 210  
 Chen, B., 161  
 China  
 accession, 54  
*de minimis* percentage 8.5%, 30  
 economic price support, 154  
 evolution of support, 12, 221  
 grain stocks, 155  
 room for AMS support, theoretical, 42  
 TRQ fill rates, 161  
 levels and allocations for wheat, rice and corn, 160  
 China – Agricultural Producers, 15, 154–160, 226  
 arguments, 155  
 basis for AMS calculations, 158  
 compliance curve, 159  
 compliance in 2020, claimed eligible production, 159  
 input subsidies, 160  
 obligations, resulting inconsistency among members, 160  
 panel findings  
 corn, 156, 173  
 eligible production, 156  
 excessive AMSs for wheat and rice, 156  
 FERP based on 1996–98, 155  
 panel report, adoption of, 154  
 China – TRQs, 154, 160–161  
 commitments on administration, 160  
 compliance, claimed, 161  
 panel findings, violation of administrative obligations, 161  
 panel report, adoption of, 154  
 Claassen, R., 213  
 climate change, mitigation of, 8, 19, 211–217, 238  
 adaptation, role of support, 212  
 carbon farming, storing in soil for long time, 214  
 relaxing conditions on Payments under environmental programmes, 216–217  
 support for, 215  
 consistent with Annex 2 Decoupled income support, difficulties, 213  
 developing Art. 6 criteria for exemption, 217  
 reducing GHG emissions, support for, 212  
 part of environmental program, 213  
 practice-based or outcome-based payments, 212, 217, 240  
 taxing GHG emissions or cap-and-trade, 214  
 Committee on Agriculture, 2, 7, 13, 65–66, 116–118, 134, 219, 232  
 regular session, 7, 118, 163  
 Special Session, 7, 118, 134  
 summary reports, 121

- transparency, role of Art. 18, 120–129
- working procedures, 118
- Coppens, D., 44, 184
- Coppess, J., 57
- counter-notifications under Art. 18.7, 54, 118, 129–130, 162, 165
  - India, AMS support, 64, 124, 129, 162, 165, 226
- Covid-19, 3, 113, 237
- criteria for exemption. *See* Art.6.2, Art. 6.5 and Annex 2
- CTAMS Current Total AMS, 5, 28, 30, 225
  - compared to BTAMS, 92–94
  - in notifications, 94, 117
  - policy space for, 41–42
- CVD countervailing duties, 47
- Daugbjerg, C., 57
- Davey, W., 177
- de Gorter, H., 60, 190
- de minimis*
  - allowance operating as threshold or limit, 31
  - allowances projected to 2030, sum of, 42, 225
  - level, 5, 10, 30
    - use of value of production, 30
  - percentage, 5, 30
- Decoupled income support, 11, 35, 229, 239
  - addressing evolving priorities, 207, 210, 239
  - analysis of effects, 56, 60
  - criteria and conditions, 36
- development box. *See* Art. 6.2
- Dewbre, J., 55
- Díaz-Bonilla, E., 69
- direct payments
  - compatibility with Annex 2 criteria
    - EU and US payments, 61
  - production effects, estimated, 59–61, 229
    - EU payments, BPS and SAPS, 59
    - Thailand price insurance scheme, 61
    - US payments, various, 60
  - production effects, positive vs. negative, 37
- Direct payments to producers, 11, 35, 207
  - portal paragraph for all direct payments, 35
- dispute settlement, described, 152–153
- disputes involving domestic support measures, 7–8, 15–17, 48, 151, 197–198, 222, *See also* individual disputes
  - under Agriculture Agreement, 48, 151, 222
  - circumstances motivating, 196
  - implications of, 197–198, 222
  - MPS part of alleged excessive AMS, 7, 16, 48
  - obligations under both Agriculture and SCM Agreements, 196
  - under SCM Agreement, 48, 151
- Dixit, P., 53
- Doha Round, 3, 14, 134–135, 240
  - 2008 draft modalities, not agreed, 134–135, 140, 228
  - key points in domestic support, 134
  - payments in case of pests or diseases, expanded criteria, 205
- Domestic food aid, 35, 109
  - exemption of expenditures, 35
- domestic support
  - policy space, differences among members, 38
    - Art. 6.2 exemption or not, 38
    - de minimis* percentages, 38
    - positive BTAMS or not, 38
- domestic support measurements, compared over time, 103–107
  - AMS support, 103
  - Art. 6 support, 104
  - all domestic support, 106
    - counterfactual if not counting China, 106
  - all exempted support, 107
  - OTDS Overall Trade-Distorting Support, 103

- domestic support measurements,  
 compared over time (cont.)  
   PODS Producer-Oriented Domestic  
   Support, 104
- domestic support, selected analyses of  
 alternative rules, 146–149
- DSB Dispute Settlement Body, 152,  
 183, 197
- DSU Dispute Settlement  
 Understanding, 1, 151, 197
- Art. 21 Surveillance of  
   Implementation of  
   Recommendations and  
   Rulings, 153
- Art. 22 Compensation and the  
   Suspension of Concessions,  
   153
- EC – Export Subsidies on Sugar*, 8, 16,  
 151, 187–195, 222
- A and B sugar, 188
- ACP/EC Partnership Agreement,  
   188
- Appellate Body and panel findings  
   ACP equivalent quantity, effect of,  
   189
- Art. 10.1 export subsidies not  
   listed in Art. 9.1, 193
- direct subsidies on exports,  
   189
- domestic support and export  
   subsidies, boundary of  
   disciplines, 191–192
- export subsidies prohibited under  
   SCM Agreement, 193
- payments financed by virtue of  
   governmental action, 190
- payments on the export, 190
- sales below total cost of  
   production and internal  
   transfers, forms of payment,  
   190
- Appellate Body and panel reports,  
   adoption of, 194
- arguments  
   Art. 10.1 export subsidies not  
   listed in Art. 9.1, violation,  
   192
- domestic support and export  
   subsidies, boundary of  
   disciplines, 192
- export subsidies prohibited under  
   SCM Agreement, 193
- government mandated schemes,  
   193
- payments financed by virtue of  
   governmental action, 193
- C sugar, 188
- cross-subsidization of exports,  
   189–191
- export subsidy limits, in schedule,  
   188
- ACP equivalent quantity, effect of,  
     188
- exports, sugar of ACP and Indian  
   origin, 188
- policy reform, dispute as catalyst,  
   194
- economic measurements, distinct from  
 Agreement, 63–64, *See also*  
 MPS measurement
- Effland, A., 25
- elasticity of supply, 37, 55, 184
- Elbehri, A., 194
- EMS Equivalent Measurement of  
 Support, 29
- environmental programs. *See* Payments  
 under environmental  
 programmes
- European Union (EU)  
 Basic Payment Scheme, 57
- CAP Common Agricultural Policy,  
 17, 57, 194, 209
- Common Market Organization for  
 Sugar, 187
- evolution of support, 11, 57
- exempted direct payments, 12
- export subsidies, 57
- intervention prices, 188
- member states, 2, 121
- preferential or duty-free quota-free  
 access, 194–195
- room for AMS support, theoretical,  
 42
- Single Area Payment Scheme, 57
- evolving priorities, 8, 18, 199, 230, 238

- environmental sustainability and related labels, 208  
 types and levels of support, potential for shifts, 217
- export financing support. *See also* Ministerial conferences  
 disciplines on, 15, 136  
 export credit guarantee programs, 179
- export subsidies. *See also* Agreement on Agriculture and SCM Agreement  
 disciplines on, 45, 136  
 interface Agriculture and SCM Agreements, 44  
 listed in Agreement on Agriculture, 45  
 subject of disputes in agriculture, 171, 179, 187, 191
- export subsidy entitlements in schedules, 46, 136  
 elimination of, 15, 136
- externalities of production, 201
- FERP Fixed External Reference Price.  
*See* MPS measurement
- flexibility with positive BTAMS. *See* BTAMS
- Flores Schmidt, L. F., 177
- food security, distinct from self-sufficiency, 199, 203, 205
- food systems, triple challenge for, 18, 199, 238
- Ford, J. R., 146
- fundamental requirement. *See* Annex 2
- Gale, F., 161
- Galtier, F., 69
- Garcia Vargas, A., 120
- GATT 1994 General Agreement on Tariffs and Trade, 1, 43, 194  
 Art. XVI subsidies, 43  
 Art. XXVIII modification of schedules, 46  
 interface with Agriculture and SCM Agreements, 43
- General Council 2014, 67, 227
- General services, 18, 34, 109, 201, 212, 230  
 direct payments excluded, implications of, 204  
 extension and advisory services, 35, 202, 206  
 infrastructural services, 35, 206  
 inspection services, 35, 204  
 land reform and rural livelihood security, 35, 206  
 marketing and promotion services, 35, 202, 206  
 pest and disease control, 35, 204  
 research, 35, 202, 206  
 training services, 35, 202, 206
- generally available, meaning in Art. 6.2, 32
- GHGs greenhouse gases, 199, 203, 212
- Glauber, J. W., 69, 147, 160, 177, 187, 213
- Gohin, A., 190
- Goodwin, B., 60
- Gotor, E., 194
- Grant, J. H., 161
- green box. *See* Annex 2
- Grossman, G. M., 177
- Gulati, A., 56, 69
- Haberler report, 23–25, 37, 51, 64
- Häberli, C., 212
- Halbrook, S., 57
- Hassapoyannes, K., 212
- Hasund, K. P., 62
- Henderson, B., 210, 214
- Hendricks, N., 60
- Hoda, A., 69
- Hoekman, B., 4, 190
- Howse, R., 190
- Huang, H., 64
- Huber, R., 210
- Hufbauer, G. C., 47
- ICTSD, 69
- India  
 AMS in notifications  
 differences from AGST data and methodology, 162  
 exchange rate adjustments, 162



- India (cont.)  
 MPS only if government purchasing, 162, 164  
 Art. 6.2 support, 11, 95  
 counter-notifications, 129, 162, 165, 227  
 economic price support, 163  
 contrast with Agriculture Agreement price support, 164  
 contrast with China, 164, 198  
 treatment when negative, 175  
 evolution of support, 12, 221  
 FRP Fair and Remunerative Price, 165  
 MPS in notifications and counter-notifications, 162–164, 227  
 alternative calculations, 163  
 Public stockholding for food security purposes, 68, 109, 164  
 room for AMS support, theoretical, 42  
 SAPs State Advised Prices, 165  
 support increases in 2016–19  
 measures and support categories, 109  
 notification practice, change, 99  
*India – Sugar and Sugarcane*, 15, 124, 162, 164–172, 226  
 arguments  
 export subsidies, 171  
 MPS calculation, similar to counter-notifications, 164  
 no MPS measure, 164, 167  
 domestic support, sugarcane, 164–171  
 export subsidies, sugar, 171–172  
 FERP, adjusted for recovery rates, 165  
 MPS, alternative analytical calculations, 165  
 MPS larger than economic price support, 170  
 panel findings, domestic support  
 excessive AMSs, 168  
 MPS, government purchasing not determinative, 168  
 notification obligations, 170  
 payments to mills, excluded from AMS, 169  
 panel findings, export subsidies  
 Agriculture Agreement, 171  
 notification obligations, 172  
 SCM Agreement, 172  
 panel reports, three identical, appealed, 162, 170, 172  
 value of production, gur, 165  
 inflation, 117, 124, 163  
 elements in currency conversion, analysis of, 125, 162  
 excessive rates, consideration in review process, 14, 117, 119, 124  
 unilateral adjustment for, 124–125  
 Irwin, D., 110  
 Jackson, L. A., 120  
 Janow, M. E., 191  
 Japan  
 Art. 6.5 payments, rice, 97  
 evolution of support, 10, 81–82, 93  
 support price for rice, elimination of, 87  
 value of production, downward trend, 78, 93  
 Johansson, M., 62  
 Josling, T. E., 4, 24–25, 44, 57, 62, 69, 200, 204  
 Karttunen, M., 204  
 Kay, A., 194  
 Kazakhstan  
*de minimis* percentage 8.5%, 30  
 Knudsen, A.-C. L., 57  
 Kolb, M., 110  
 Konandreas, P., 69, 146  
*Korea – Various Measures on Beef*, 15, 153–154  
 Kostecki, M. M., 4  
 Kwa, A., 120  
 Lankoski, J., 210  
 Lau, C., 187  
 Lester, S., 160  
 Lunenburg, P., 120

- market price support. *See* MPS and  
 MPS measurement
- Martin, W., 4, 134
- Martini, R., 55
- Matthews, A., 59, 65, 69
- Mattoo, A., 4, 134
- Mazza de Andrade, L., 177
- MC12 Ministerial conference,  
 agricultural support  
 negotiations, 137–145  
 domestic support, 138–140  
 public stockholding, 140–142  
 cotton, 142–143  
 Secretariat material, 143  
 transparency, 143–144  
 chair's summary 2019, 144  
 chair's summary 2021, 144–145  
 path to decisions at 13<sup>th</sup>  
 conference, 145, 150
- MC12 Ministerial conference, member  
 input
- cotton
- differentiated reductions in AMS  
 and blue box, 143
  - no green box direct payments, 143
- domestic support
- BTAMS, 139
  - all forms of Art. 6 support, 139
  - moving average reference price in  
 MPS calculation, 140
  - non-product-specific AMS  
 support, 139–140
  - past support and future  
 entitlements, 138–139
  - product-specific AMS support,  
 138–139
- public stockholding
- contested problem definition, 141
  - expenditures and acquisition  
 notified, only few members,  
 141
  - potential implications, economic  
 and legal, 141
  - views on maturity of issue, 142
- transparency
- dedicated discussions on cotton,  
 144
  - green box measures, 144
  - views on stringency in  
 notifications, 144
- McCarl, B., 212
- McMahon, J. A., 25, 177, 194
- Meléndez-Ortiz, R., 56
- members
- accession, 5, 27
  - LDCs least-developed countries, 27
  - original, 5, 27
- Mercier, S., 57
- Mermigkas, G., 69
- Ministerial conferences, 15, 46, 67,  
 134–136
- 8th conference 2011 (Geneva), 135
  - 9th conference 2013 (Bali), 15, 67,  
 135
  - cotton support issues, 136
  - land reform and rural livelihood  
 security, 136, 206
  - Public stockholding for food  
 security purposes, interim  
 mechanism, 136, 227
  - 10th conference 2015 (Nairobi),  
 46, 136
  - export financing support,  
 discipline on, 46, 136
  - export subsidy entitlements in  
 agriculture, elimination of,  
 46, 136, 186
  - export subsidy entitlements,  
 implications for domestic  
 price support, 136
  - interim mechanism,  
 reaffirmation of, 136, 227
  - 11th conference 2017 (Buenos  
 Aires) no decision or  
 declaration, 136
  - 12th conference 2022 (Geneva).  
*See* MC12
- decisions and declarations, 134
- export financing support, 15, 136
- export subsidy entitlements, 15, 136
- land reform and rural livelihood  
 security, 15, 135, 206
- negotiations, contested relevance of  
 earlier progress, 135
- public stockholding for food security  
 purposes

- Ministerial conferences (cont.)  
 interim mechanism regarding  
 dispute challenge, 15, 67, 140
- Mishra, A., 60
- Mittenzwei, K., 25
- Montemayor, R., 69
- Moro, D., 59
- Moyer, H. W., 57
- MPS market price support, 5, 29,  
 87–88, 120  
 counter-notified, India, 129  
 notified support, selected members,  
 87  
 MPS component of AMS, 87, 94  
 MPS-related policy change,  
 87–88  
 use of AAP, eventual infeasibility of,  
 65–66
- MPS measurement, 25, 63–66, 235  
 AAP applied administered price, 13,  
 25, 63, 65  
 Agriculture Agreement  
 measurement, 13, 63  
 alternative with lagged moving  
 average reference price, 20,  
 147, 149, 172–177, 198,  
 235–236  
 LRP MPS formula, 173  
 alternative methods, 69  
 budgetary payments, exclusion of, 29  
 comparing agreement and economic  
 measurement, 63–64, 69,  
 172–177, 198, 226  
 LRP MPS comparison, China and  
 India wheat, 173–175  
 eligible production, 13, 26, 63, 154  
 FERP fixed external reference price,  
 13, 25, 63, 66  
 fixity and updating, consideration  
 of, 66, 175, 236  
 price gaps in Agreement MPS and  
 economic MPS, 25–26
- Musselli, I., 146
- Narayanan, S., 56
- Nedumpara, J. J., 69
- non-exempt direct payments, 24, 29
- non-product-specific AMS, 5, 25, 29, 84
- non-trade concerns, 2, *See also* evolving  
 priorities
- notification of domestic support, 13,  
 118–120, 170, *See also*  
 transparency
- notification obligations  
 both Agriculture Agreement and  
 SCM Agreement, 118  
 requirements, meeting of, 120  
 number of notifications, 118
- Table DS:1 notifications of support,  
 exempt or non-exempt, 71  
 under Art. 18.2, 116  
 formats and contents, 117,  
 119–120  
 frequency and timing, 117  
 number of notifying members, 72  
 supporting tables, 117
- Table DS:2 notifications, new or  
 modified measures, 71  
 under Art. 18.3, 116  
 notified promptly, 116  
 timeliness and comparability,  
 118–120  
 timeliness, generally poor, 119, 224
- notification practice, change, 99, 112  
 products vs. product groups, US, 112
- notified support, 2016–18 average  
 conversion to USD, 73  
 method in this book, 72  
 selected members and category, 73
- O'Donoghue, E., 60
- OECD Organization for Economic  
 Cooperation and  
 Development, 3, 54–55, 57,  
 232
- GSSE General Services Support  
 Estimate, 25, 109  
 years 2016–18, 109
- PSE Producer Support Estimate, 12,  
 25, 107–108  
 mapping with Agriculture  
 Agreement measurement, 56  
 years 2016–18, 107  
 years 2018–20, 3
- Orden, D., 25, 57, 63, 69, 110, 120, 134,  
 147, 156, 160, 162–163

- OTDS Overall Trade-Distorting Support, 103
- Pannell, D., 213–214
- Paris Agreement on climate change 2015, UN, 211
- Payments under environmental programmes, 19, 36, 204, 208  
 compatibility with Annex 2 criteria, 62  
 conditions related to production methods or inputs, 208, 239  
 cost effectiveness, 62  
 incentives, effectiveness of, 209–210, 213, 239  
 must not exceed costs or income loss, 208  
 support to producers in sense of Agriculture Agreement, 209
- PODS Producer-Oriented Domestic Support, 104  
 domestic support other than PODS, 109  
 PODS and OECD PSE, 107  
 trends, PODS and OECD PSE, 108
- problematic aspects of Agriculture Agreement, domestic support, 8, 20, 220, 222, 230
- producer subsidy equivalent. *See* OECD, PSE
- productivity growth, 8, 202–203
- product-specific AMS, 5, 25, 29, 84  
 supported products, selected members, 90
- prohibited subsidies, disciplines on different but overlapping, Agriculture and SCM Agreements, 47
- PSE Producer Support Estimate. *See* OECD, PSE
- Public stockholding for food security purposes, 35, 67–68, 135, 140–142, *See also* Ministerial conferences  
 acquisition at administered prices, 67, 140  
 acquisition at market prices, 68, 228  
 alternative measurement of MPS, 236  
 Committee on Agriculture, 68  
 compliance not subject to dispute, 67, 149, 227  
 exemption of expenditures, 35  
 General Council 2014, 67, 141, 227  
 India, user of interim mechanism, 68, 164  
 questions in Committee on Agriculture 1995–2021, 14, 121–129  
 AMS support, 124–125  
 classification and transparency, 127–128  
   support category unclear, 127  
 developed and developing countries, 120  
 exemptions  
   Annex 2 green box, 125–126  
   Art. 6.2, 126–127  
   Art. 6.5 blue box, 127  
 inflation adjustment, unilateral, 124–125  
 questions, patterns over time, 121–124  
 SIMs Specific Implementation Matters (Art. 18.6), 121, 128  
 support categories and cross-cutting issues, 121–123  
 transparency, 127  
   weakness of. *See* transparency
- regional trade agreements, 20  
 domestic support disciplines, absence of, 220
- repurposing agricultural support, 200, 211
- Roningen, V., 53  
 Rosegrant, M., 205  
 Rude, J., 56, 59  
 Russia, accession, 54
- safeguarding and enhancing biodiversity. *See* biodiversity
- Sapir, A., 177
- Schedule of Concessions and Commitments, 26

- Schedule of Concessions and Commitments (cont.)  
 BTAMS Bound Total AMS, 28  
 constituent data and methodology (AGST), 28  
 limits on export subsidy outlays and quantities, 45–46
- Schnepf, R., 57, 112, 187
- Sckokai, P., 59
- SCM Agreement on Subsidies and Countervailing Measures, 1, 43, 202, 231  
 Annex I illustrative list of export subsidies, 46, 183, 192–193, 231  
 Art. 1 definition of subsidy, 43, 171, 193, 233  
 Art. 2 specificity, 44  
 Art. 3 prohibition, 46, 180, 194  
 agricultural export subsidies, 46, 183, 192, 194  
 Art. 5 adverse effects, 44, 183, 207, 217, 233  
 serious prejudice, 44, 180, 202  
 Art. 6 serious prejudice, 44  
 Art. 7 remedies, 46  
 removal or withdrawal, 46, 183  
 Art. 10 countervailing measures, 47  
 Art. 24 SCM Committee, 118  
 working procedures, 118  
 Art. 25 notification obligations, 118  
 Art. 26 examination of notifications, 118  
 countervailing duties, threat of as deterrent, 47–48
- Sharma, S. K., 146
- SIMs Specific Implementation Matters (Art. 18.6), 121, 128
- Sinha, T., 69, 177
- special and differential treatment, 2, 31, 221, 223  
 Art. 6.2, 4, 31  
*de minimis* percentage, 5  
 interim mechanism regarding dispute challenge, 15  
 marketing and transport costs, export subsidy rules, 47, 172
- SPS Agreement, 203
- Staiger, R. W., 191
- Steenblik, R., 62
- Steinberg, R. H., 44
- Strategic Plan for Biodiversity 2011–2020, UN, 209
- Sumner, D., 57, 60
- Sumrada, T., 210
- support disciplines, effectiveness of, 54, 113, 146, 230
- support measurement unit, 25
- Sustainable Development Goals, UN 2015, 18, 199, 238
- Swinbank, A., 57, 61–62
- Sykes, A. O., 177
- Table DS:1, Table DS:2 notifications of support. *See* notification of domestic support
- Tangermann, S., 69, 147, 177
- TBT Agreement, 203
- Thamo, T., 214
- Tong, L., 60
- Total AMS Commitments. *See* BTAMS
- Total AMS, different uses of term, 30
- Trachtman, J. P., 177
- trade distortion equivalent, 25
- Trade Policy Reviews, 130
- trade-distorting support, potentially most distorting, 55
- transparency, 9, 119, 131, *See also* notification of domestic support
- Committee on Agriculture processes, 129  
 improving, 131–132  
 negotiating submissions, 119  
 agriculture and other agreements, 119  
 analysis of notifications, 119  
 weakness of, 131
- Tranter, R., 61
- Tsai, C., 62
- Ukraine  
 accession, 54  
 war in, 3, 141

- United Kingdom (UK), 2, 28, 209
- United States (US)
  - ARC Agriculture Risk Coverage, 186
  - CCP Counter-Cyclical Payments, 180
  - Covid-19 payments, 113
  - crop insurance, 180, 186
  - DP Direct Payments, 58, 180
  - evolution of support, 11, 57–59, 62
  - export credit guarantee programs
    - GSM–102, GSM–103, SCGP, 179
  - farm bill 2018, 209
  - loan rates, marketing loan program, 58, 180
  - MFP Market Facilitation Program, 110
  - MLA Market Loss Assistance, 180
  - permanent US legislation, 57
  - PFC Production Flexibility Contract, 58, 180
  - PLC Price Loss Coverage, 186
    - room for AMS support, theoretical, 42
  - STAX Stacked Income Protection Plan, 186
  - Step 2 payments, cotton, 180
  - support increases in 2016–19, 11, 110–113, 224, 234, 237
  - target prices, 58
  - trade measures 2017, 3, 110
- Uruguay Round, 1, 194
  - negotiations, 4, 203, 211, 229, 234, 236
- US – *Upland Cotton*, 16, 45, 126, 177–187, 226, 233
  - agreement to terminate dispute, 186
  - Appellate Body findings, 179, 181
  - arbitration, 183–185
    - adverse effects, magnitude of, 185
    - economic model, 184
    - export subsidies, magnitude of countermeasures, 185
  - arguments
    - actionable subsidies, 180
    - Art. 10.2 exclusion, 179
    - Art. 13 Due Restraint, 180
    - export subsidies under Agriculture and SCM Agreements, 179
    - support to a specific commodity, 181
  - Brazilian Cotton Institute, payments to, 185
  - compliance Appellate Body and panel findings
    - actionable subsidies, significant price suppression, 184
    - export subsidies, 183–184
  - countermeasures, authorization sought, 183
  - panel findings
    - payments, distinction price contingent and not price contingent, 182
  - payments, not price contingent
    - PFC, DP, crop insurance subsidies, 180, 182
  - payments, price contingent
    - marketing loan, Step 2, CCP, MLA, 180
  - planting restrictions, 181
  - price suppression, 181
  - prohibited export subsidies, 179
  - revenue and total costs of production, 182
  - updating of base acres, 181
  - pig and poultry meat, 183
  - policy changes
    - cotton program, in 2014 farm bill, 186
  - Direct Payments, termination of, 186
    - dispute as catalyst, 186
  - export credit guarantee programs, modification or termination of, 183–186
  - farm bills, 2008, 2014, 2018, 184–187
  - price contingent domestic support, not fundamentally changed, 187
  - Step 2 payments, termination of, 183
- rice, 179, 183

272

## INDEX

- US – Upland Cotton* (cont.)  
*US – Large Civil Aircraft* (DS353), 182
- Valenzuela, E., 64
- value of production, 30, 41, 78  
all and large-support members, selected years, 78  
in notifications, 117, 124
- Voica, D., 61
- Wagener, A., 61
- water management, 8, 205–207  
infrastructural services, green box, 206  
policies to improve, 205
- Water Global Practice, 206
- Whitaker, J., 60
- WTO Agreement (Marrakesh Agreement), 1, 134, 213  
Art. X, 134  
Art. XII accession, 5, 27
- WTO World Trade Organization, 1  
Director General and Secretariat, 119, 121, 152  
organizational change, calls for, 221  
role in policy reform, 3, 220
- Wuepper, D., 210
- Zenker, J., 61