

Table A.21. **China 1933–75: Detailed Derivation of Gross Value of Farm Output**

|   | 1987 prices  | Liu and Yeh<br>1933 quantities | 1933<br>quantities<br>at 1987 prices | 1975 quantities | 1975 quantities<br>at 1987 prices | Perkins 1931–37<br>quantities | Perkins 1931–37<br>quantities<br>at 1987 prices |
|---|--------------|--------------------------------|--------------------------------------|-----------------|-----------------------------------|-------------------------------|---|
|   | yuan per ton | thousand MT                    | million yuan                         | thousand MT     | million yuan                      | thousand MT                   | million yuan                                    |
| Wheat   | 474          | 26 700                         | 12 655.8                             | 45 310          | 21 476.9                          | 23 100                        | 10 949.4  |
| Rice  | 480          | 81 740                         | 39 235.2                             | 125 560         | 60 268.8                          | 69 555                        | 33 386.4  |
| Barley  | 505          | 7 580                          | 3 827.9                              | 3 000           | 1 515.0                           | 9 720                         | 4 908.6   |
| Maize   | 366          | 9 295                          | 3 402.0                              | 47 220          | 17 282.5                          | 10 220                        | 3 740.5   |
| Oats  | 320          | 665                            | 212.8                                | 700             | 224.0                             | n.a.                          |   |
| Millet  | 382          | 14 645                         | 5 594.4                              | 6 500           | 2 483.0                           | 13 840                        | 5 286.9   |
| Sorghum                                       | 475          | 12 565                         | 5 968.4                              | 8 500           | 4 037.5                           | 12 340                        | 5 861.5   |
| Buckwheat                                     | 412          | 450                            | 185.4                                | 2 100           | 865.2                             | n.a.                          |   |
| Potatoes                                      | 180          | 4 115                          | 740.7                                | 24 300          | 4 374.0                           | 4 115                         | 740.7   |
| Sweet potatoes                                | 170          | 26 445                         | 4 495.7                              | 118 500         | 20 145.0                          | 26 445                        | 4 495.7   |
| Broad beans                                   | 420          | 3 015                          | 1 266.3                              | 2 400           | 1 008.0                           | n.a.                          |   |
| Peas  | 543          | 3 265                          | 1 772.9                              | 2 100           | 1 140.3                           | n.a.                          |   |
| Black beans                                   | n.a.         | 1 010                          |                                      |                 |                                   |                               |   |
| Mung beans                                    | n.a.         | 1 365                          |                                      |                 |                                   |                               |   |
| Soybeans                                      | 808          | 11 815                         | 9 546.5                              | 7 240           | 5 849.9                           | 8 430                         | 6 811.4   |
| Peanuts                                       | 1 137        | 3 345                          | 3 803.3                              | 2 270           | 2 581.0                           | 2 625                         | 2 984.6   |
| Rape seed                                     | 980          | 2 100                          | 2 058.0                              | 1 635           | 1 602.3                           | 2 540                         | 2 489.2   |
| Sesame  | 1 695        | 965                            | 1 635.7                              | 208             | 352.6                             | 905                           | 1 534.0   |
| Tobacco                                       | 2 000        | 990                            | 1 980.0                              | 960             | 1 920.0                           | 915                           | 1 830.0   |
| Cotton lint                                   | 3 558        | 950                            | 3 380.1                              | 2 381           | 8 471.6                           | 944                           | 3 358.8   |
| Hemp  | 1 448        | 340                            | 492.3                                | 94              | 136.1                             | 675                           | 977.4   |
| Sugar cane                                    | 74           | 3 930                          | 290.8                                | 16 667          | 1 233.4                           | 2 434                         | 180.1   |
| Hen eggs                                      | 3 207        | 826                            | 2 649.0                              | 1 780           | 5 708.5                           | n.a.                          |   |
| Cattle/buffalo                                | 4 185        | 128                            | 535.7                                | 235             | 983.5                             | 101                           | 422.7   |
| Sheep meat                                    | 3 164        | 86                             | 272.1                                | 159             | 503.1                             | 57                            | 180.3   |
| Goat meat                                     | 3 259        | 46                             | 149.9                                | 150             | 488.9                             | 31                            | 101.0   |
| Pig meat                                      | 2 150        | 1 863                          | 4 005.5                              | 7 460           | 16 039.0                          | 1 814                         | 3 900.1   |
| Horse meat                                    | 3 400        | 35                             | 119.0                                | 40              | 136.0                             | 28                            | 95.2  |
| Mule meat                                     | 3 100        | 12                             | 37.2                                 | 9               | 27.9                              | 13                            | 40.3  |
| Ass meat                                      | 3 100        | 31                             | 96.1                                 | 20              | 62.0                              | n.a.                          |   |
| Total of Liu–Yeh sample products              |              |                                | 110 408.                             |                 | 180 915.9                         |                               |   |
| Total gross value of output (Liu–Yeh)         |              |                                | 151 105.                             |                 | 247 602.5                         |                               |   |
| Ratio of Liu–Yeh sample to total              |              |                                | (73.07)                              |                 | 73.07                             |                               |   |
| Total value of Perkins sample products        |              |                                |                                      |                 | 171 907.9                         |                               | 94 274.8  |
| Total gross value of output (Perkins variant) |              |                                |                                      |                 | 247 602.4                         |                               | 135 785.8                                       |
| Ratio of Perkins sample to total              |              |                                |                                      |                 | 69.43                             |                               | (69.43)   |

Source: Prices from FAO (Table A.18); 1975 quantities from FAO (Table A.19); 1933 quantities from Liu and Yeh (1965), pp. 290, 300 and 308; I consolidated their figures for millet and proso millet, for rice and glutinous rice. They give egg production in millions, I assumed 14 630 hen eggs per metric ton; they give the stock of animals, and I assumed the same relation between meat output and animal stock in 1933 as prevailed in 1975. Figures in the sixth column are from Perkins (1969), pp. 276–87. Perkins gives a consolidated total for the two kinds of potatoes which is the same as the total of Liu and Yeh. I therefore broke down the Perkins figure as in Liu and Yeh.