

## **APPENDIX 3**

### Farm Level Data

- A3.1 Irrigated Cropping Pattern on Sample Farms in 1996 and 1997
- A3.2 Summary of Farm Drainage Facilities in 1997

Table A3.1 Irrigated Cropping Pattern on Sample Farms in 1996 and 1997 (percent of irrigated area)

Crop ID	Crop Name	Kazakhstan		Kyrgyzstan		Tajikistan		Turkmenistan		Uzbekistan		Overall average	
		1996	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
<b>100</b>	<b>Cereals</b>	<b>28</b>	<b>36</b>	<b>31</b>	<b>41</b>	<b>17</b>	<b>22</b>	<b>49</b>	<b>41</b>	<b>42</b>	<b>39</b>	<b>36</b>	<b>38</b>
101	Winter Wheat	9	4	21	34	12	16	46	38	29	27	23	24
102	Spring Wheat	2	3	5	0	0	0	0	0	1	0	1	1
103	Winter Barley	0	0	1	3	2	4	0	1	2	1	1	1
104	Spring Barley	0	0	0	0	0	0	0	0	0	0	0	0
105	Oats	0	0	1	1	0	0	0	0	0	0	0	0
107	Maize Grain	1	0	2	4	2	1	3	2	1	0	1	1
108	Rice	16	29	0	0	1	1	0	0	9	10	9	11
109	Other cereals	0	0	0	0	0	0	0	0	0	0	0	0
110	Sorghum	0	0	0	0	0	0	0	0	0	0	0	0
<b>200</b>	<b>Fibres and stimulants</b>	<b>34</b>	<b>33</b>	<b>24</b>	<b>31</b>	<b>32</b>	<b>37</b>	<b>33</b>	<b>33</b>	<b>43</b>	<b>49</b>	<b>36</b>	<b>41</b>
201	Cotton - Upland	34	33	24	31	27	37	33	33	37	41	34	37
202	Cotton-Pima	0	0	0	0	4	0	0	0	5	8	3	4
204	Other fibres	0	0	1	0	0	0	0	0	0	0	0	0
205	Tobacco	0	0	0	1	0	0	0	0	0	0	0	0
<b>300</b>	<b>Roots and Tubers</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
301	Potato	0	0	0	0	0	0	0	0	0	0	0	0
302	Sugar Beet	0	0	0	1	0	1	0	0	0	0	0	0
303	Other Roots&Tubers	0	0	0	0	0	0	0	0	0	0	0	0
<b>400</b>	<b>Curcurbits</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
400	Mixed cucurbits	0	0	0	0	0	0	0	0	0	0	0	0
401	Pumpkin/Squash	0	0	0	0	0	0	0	0	0	0	0	0
402	Water Melon	0	0	0	0	0	0	0	1	0	0	0	0
403	Sweet Melon	0	0	0	0	0	0	0	0	0	0	0	0
404	Cucumber/gherkin	0	0	0	0	0	0	0	0	0	0	0	0
405	Other curcurbits	0	0	0	0	0	0	0	0	0	0	0	0
<b>500</b>	<b>Grain legumes</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
501	Groundnut	0	0	0	0	0	0	0	0	1	0	0	0
503	Common Bean	0	0	0	0	0	0	0	0	0	0	0	0

507	Other pulses	0	0	0	0	0	0	0	0	0	0	0	
508	Green Gram	0	0	0	0	0	0	0	0	0	0	0	
<b>600</b>	<b>Vegetables</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	
600	Mixed vegetables	0	0	0	0	0	0	0	0	0	0	0	
601	Green leaf type	0	0	0	0	0	0	0	0	0	0	0	
602	Green herbs	0	0	0	0	0	0	0	0	0	0	0	
603	Onion	0	0	1	1	1	2	0	0	0	0	0	
604	Garlic	0	0	0	0	0	0	0	0	0	0	0	
605	Tomato	0	0	0	0	0	1	0	1	0	0	0	
606	Stem & root type	0	0	0	0	0	0	0	0	0	0	0	
607	Green Maize	0	0	0	0	0	0	0	0	0	0	0	
608	Green peas/beans	0	0	0	0	0	0	0	0	0	0	0	
609	Sweet Pepper	0	0	0	0	0	0	0	0	0	0	0	
610	Other vegetables	0	0	0	0	0	0	0	0	0	0	0	
<b>700</b>	<b>Oilseeds</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	
702	Sunflower (for oil)	1	0	0	0	0	0	0	0	0	0	0	
705	Safflower (for oil)	1	0	0	0	0	0	0	0	0	0	0	
<b>1000</b>	<b>Forage crops</b>	<b>35</b>	<b>30</b>	<b>22</b>	<b>17</b>	<b>5</b>	<b>5</b>	<b>13</b>	<b>14</b>	<b>8</b>	<b>6</b>	<b>17</b>	<b>13</b>
1001	Lucerne	30	29	17	11	3	3	13	12	5	6	14	12
1002	Silage Maize	3	1	4	5	1	2	0	2	3	0	3	1
1003	Other Silage	0	0	0	0	0	0	0	0	0	0	0	0
1004	Legume hay	0	0	0	0	0	0	0	0	0	0	0	0
1005	Grass Hay	2	0	0	0	0	0	0	0	0	0	0	0
1007	Root crops for forage	0	0	0	0	0	0	0	0	0	0	0	0
1008	Other	0	0	0	0	0	0	0	0	0	0	0	0
1504	Winter barley + lucerne	0	0	0	0	0	0	0	0	0	0	0	0
<b>1100</b>	<b>Plantations and Orchards</b>	<b>1</b>	<b>1</b>	<b>21</b>	<b>9</b>	<b>45</b>	<b>32</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>4</b>	<b>8</b>	<b>6</b>
1100	Mixed plantation	0	0	0	0	0	0	0	0	0	0	0	0
1101	Apples	0	1	4	5	0	0	0	0	1	0	1	1
1102	Pears	0	0	0	0	0	0	0	0	0	0	0	0
1103	Quince	0	0	0	0	0	0	0	0	0	0	0	0
1104	Apricot	0	0	0	0	26	32	0	0	0	0	1	2
1105	Peach	0	0	0	0	0	0	0	0	0	0	0	0
1106	Cherry	0	0	0	0	0	0	0	0	0	0	0	0
1107	Plum	0	0	0	0	0	0	0	0	0	0	0	0
1108	Persimmon	0	0	0	0	0	0	0	0	0	0	0	0

1109	Wine Grape	0	0	0	0	0	0	0	0	0	0	0	0
1110	Table Grape	0	0	0	1	1	0	0	0	1	1	1	0
1111	Mulberry	0	0	1	3	4	0	2	2	1	1	1	1
1112	Citrus	0	0	0	0	0	0	0	0	0	0	0	0
1113	Other fruit	0	0	0	0	0	0	0	0	0	0	0	0
1114	Walnut	0	0	0	0	0	0	0	0	0	0	0	0
1116	Other nuts	0	0	0	0	1	0	0	0	0	0	0	0
1117	Timber trees	0	0	0	0	0	0	0	0	0	0	0	0
1118	Ornamental trees	0	0	0	0	0	0	0	0	0	0	0	0
1119	Gardens	0	0	0	0	12	0	0	5	1	1	1	1
1120	Other Plantation	0	0	15	0	0	0	2	0	1	0	3	0
1121	Pomegranate	0	0	0	0	0	0	0	0	0	0	0	0

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