

## *Characteristics of the sampled schemes (e)*

| <i>Study region</i> | <i>Sampled areas</i>     | <i>Original design idea</i>  | <i>Diversion type</i>         | <i>Water Source</i>            | <i>Water Source hydrology</i> | <i>Water acquisition</i>  |
|---------------------|--------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------|
| <i>Kisumu</i>       | <i>East Kano</i>         | <i>Engineers</i>             | <i>Modern</i>                 | <i>Nyando River</i>            | <i>Permanent</i>              | <i>Pump</i>               |
|                     | <i>West Kano</i>         | <i>Engineers</i>             | <i>Modern</i>                 | <i>Lake Victoria</i>           | <i>Permanent</i>              | <i>Pump</i>               |
|                     | <i>Ahero out-growers</i> | <i>Farmers</i>               | <i>Traditional</i>            | <i>Nyando River, East Kano</i> | <i>Permanent</i>              | <i>Gravity</i>            |
|                     | <i>Awach out-growers</i> | <i>Farmers</i>               | <i>Traditional</i>            | <i>Awach river</i>             | <i>Permanent</i>              | <i>Gravity</i>            |
|                     | <i>East Nyankach</i>     | <i>Farmers</i>               | <i>Modern and Traditional</i> | <i>Runoff harvesting</i>       | <i>Ephemeral</i>              | <i>Household pond/roo</i> |
| <i>Tigray</i>       | <i>Tsige'a (Guguf)</i>   | <i>Farmers and engineers</i> | <i>Improved</i>               | <i>Dry Wadis</i>               | <i>Ephemeral</i>              | <i>Gravity</i>            |
|                     | <i>Dayu (Gerjele)</i>    | <i>Engineers</i>             | <i>Modern</i>                 | <i>Dry Wadis</i>               | <i>Ephemeral</i>              | <i>Gravity</i>            |
|                     | <i>Harosha (Tumuga)</i>  | <i>Farmers</i>               | <i>Traditional</i>            | <i>Dry Wadis</i>               | <i>Ephemeral</i>              | <i>Graviy</i>             |