

## TECHNICAL NOTES

Palay Production Survey (PPS) is a major quarterly agricultural survey conducted by the Philippine Statistics Authority. Its main objective is to generate estimates on palay production, area and yield, and other production-related data. Production data from this survey serves as direct inputs in the value of production in the Philippine Agriculture and Fisheries, and to the computation of the Gross Domestic Product. In addition, this survey also supports the data needs of planners, policy and decision makers on palay, and stakeholders in the agricultural sector, particularly the National Economic and Development Authority (NEDA), Department of Agriculture (DA) and its attached agencies such as Philippine Rice Research Institute (PhilRice), Philippine Council for Agriculture and Fisheries (PCAF), and the general public.

Data gathered in PPS are as follows: (1) production, area planted/harvested and yield by ecosystem and by seed type; (2) usage of seeds, fertilizer and pesticides; (3) source of irrigation water and adequacy, monthly distribution of production and area harvested; (4) farm household disposition of production; and (5) area with standing crop, farmer's planting intention for the quarter.

### Definition of Terms

**Palay production** refers to the quantity of palay produced and actually harvested during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvesters' and thresher's shares, reserved, etc. Palay production from seed growers which are intended for seed purposes is excluded from the survey.

Two ecosystem types are considered in palay production. These are as follows:

1. **Irrigated ecosystem** refers to area with irrigation facilities supplying water through gravity, force/power, pump, and other artificial means.
2. Palay grown on a **rainfed ecosystem** has dikes that retain water and solely dependent upon rainfall for its water supply.

**Area harvested** refers to the actual area from which harvests are realized. This excludes crop areas which were totally damaged. For palay, the harvest area refers to the effective area harvested during the reference quarter.

**Yield** is an indicator of production derived by dividing the total production by the area harvested.