

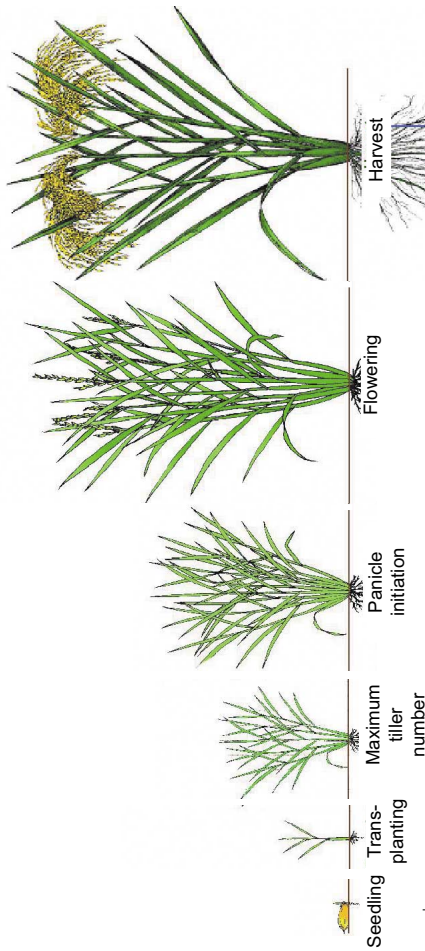


Growth stages

Extension workers and farmers should work together to identify the local names for the most important growth stages of rice to organize fertilizer application at the right time.

Photo captions

The duration of the vegetative phase differs with variety and may range from 30 to 80 d for modern high-yielding varieties. The duration of the reproductive and ripening phases is, at 30–35 d, about the same for most varieties. Using the leaf color chart, most fertilizer N should be applied in 2–4 split applications between early tillering and panicle initiation. In high-yielding seasons or in hybrid rice, a late N application could be given at heading to first flowering. Flowering to harvest takes about 30 days. Thus, sowing to harvest may range from 90 to 160 days in irrigated rice, depending on variety.



Growth stage	Vegetative phase	Reproductive phase	Ripening phase
Duration	Variable	35 days	30 days