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How to use PhilRice flatbed dryer

- 1** Check the temperature of drying air, air static pressure at the plenum, and grain depth when operating dryer.
- 2** When drying *palay* for seed purposes, the temperature should not exceed 43°C for commercial purposes (milled rice), a higher temperature of up to 52°C can be used.
- 3** When drying dripping wet *palay* or those with relatively high moisture contents, operate the dryer with unheated air during the first 1-2 hours of drying.
- 4** Maintain the depth of seeds in the drying bin at 1 foot deep uniformly. Avoid stepping directly on the grain to avoid compaction of seeds on some portions of the drying bin.



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This will affect the uniformity of air flow passing through the grain mass.

- 5** To check if the blower is supplying the right volume of air per unit time (or if the desired static pressure at the plenum is attained), place a whole sheet of bond paper on top of the grain-filled drying bin.

The paper should float (approximately 0.5-1 centimeter from the surface of the grain mass) when placed anywhere on top of the drying bin under normal operating conditions.