



**Rice** **Diversity**

- Two main sub populations: *Indica* and *Japonica*
  - Thought to have been domesticated independently from *rufipogon*
  - Estimated divergence time: 100,000 years ago or more.

- *Indica*

- Grown in lowland tropical areas
- S. and S.E. Asia and China
- Further subdivided into *indica* and *aus*

- *Japonica*

- Grown in lowland and high-elevation upland areas of tropical SE Asia
- Also grown in colder temperate climates including NE Asia, Europe, Western US, Chile, Australia
- Subdivided into *tropical japonica*, *temperate japonica*, and *aromatic*

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# Using natural variation for rice improvement

