



**Rice** **University**

- 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*

# 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*

# Using natural variation for rice improvement

