

A close-up photograph of a large pile of fresh ginger roots. The ginger is light tan in color with a rough, wrinkled texture. The roots are of various sizes and shapes, some showing the characteristic branching pattern. The lighting is warm, highlighting the natural texture of the ginger.

# **GINGER**

**By Markus Wilson**

# WHAT IS GINGER?

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- ✖ Important spice in Asian and western cooking
- ✖ Increasing reputation as a medicinal plant.

**KINGDOM:** Plantae

**ORDER:** Zingiberales (Flowering plants)

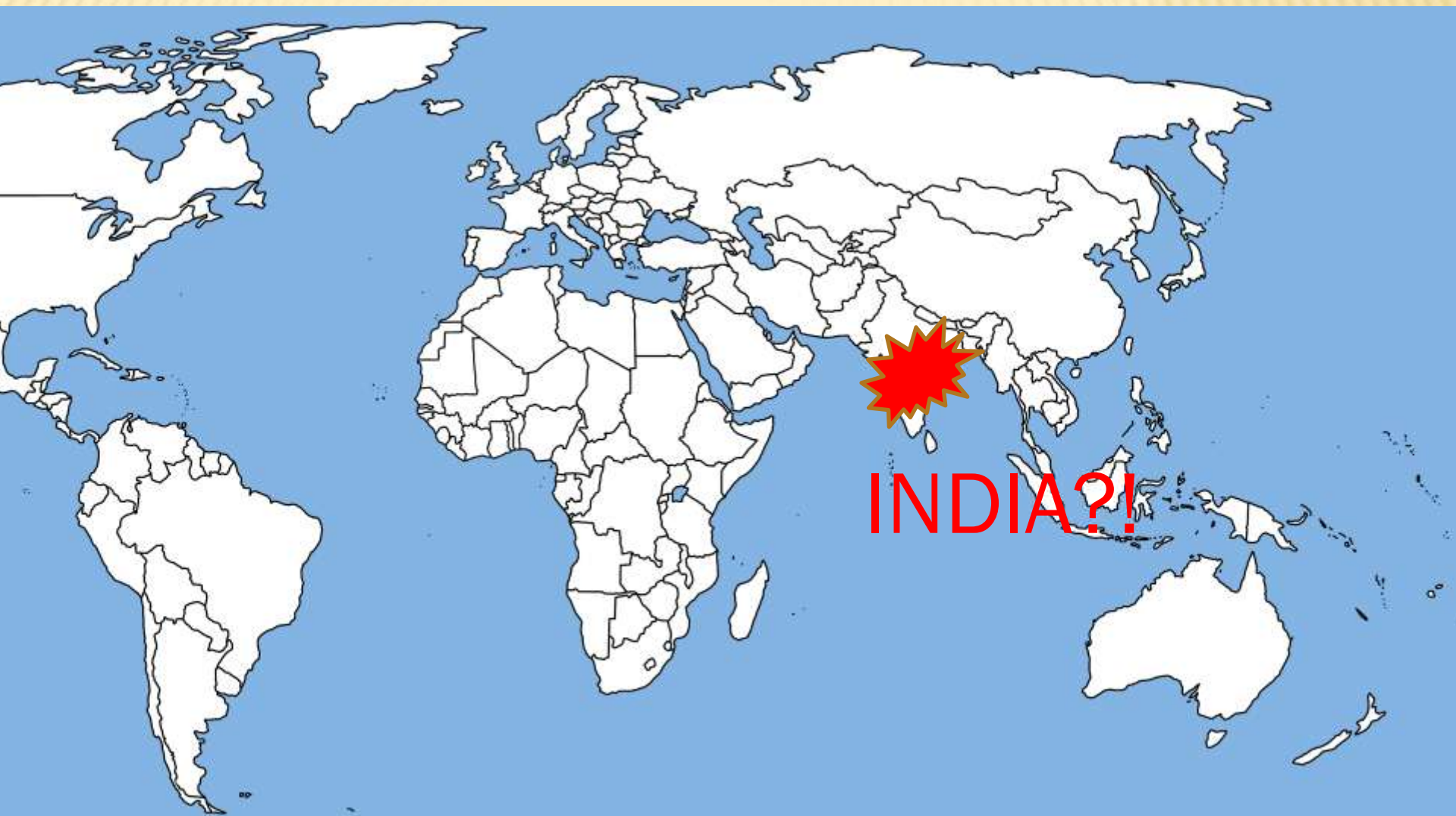
**FAMILY:** Zingiberaceae (flowering plants  
consisting of aromatic perennial herbs with  
creeping horizontal or tuberous rhizomes)

**GENUS:** Zingiber (True ginger)

**SPECIES:** Zingiber officinale (Garden ginger)



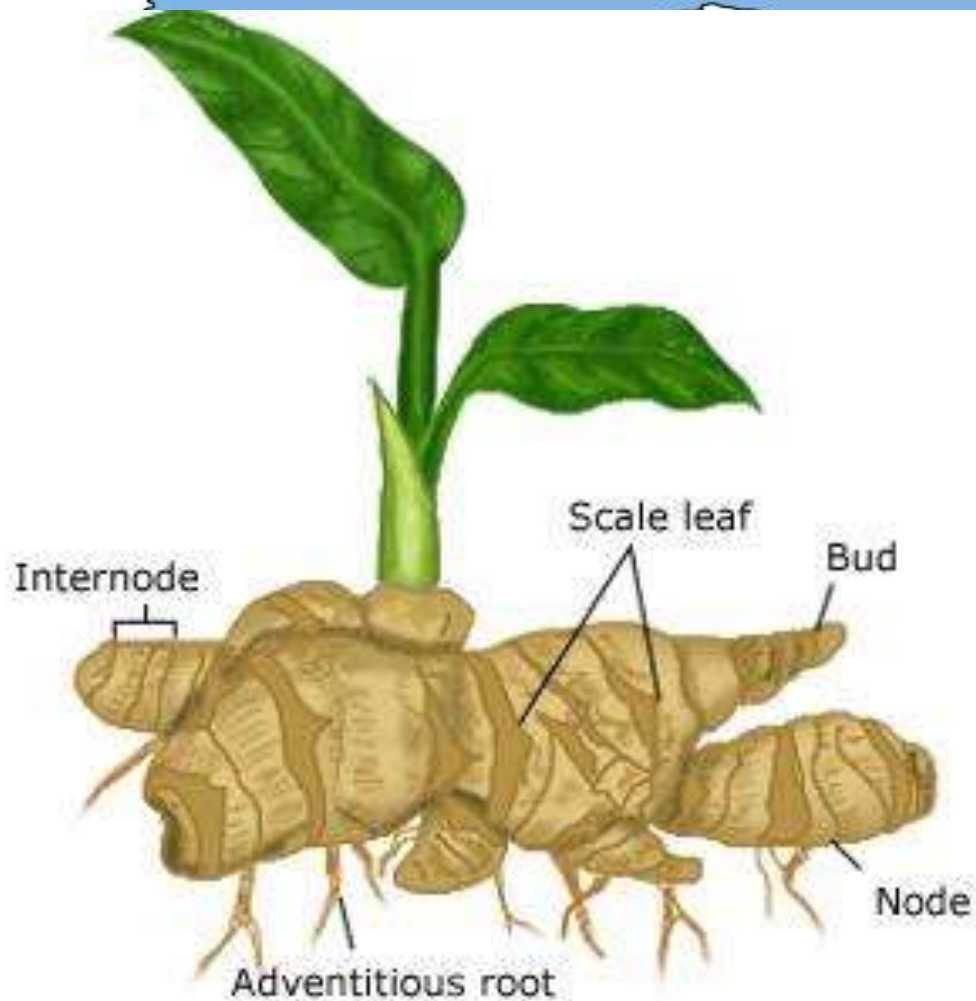
# ORIGIN OF GINGER



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# HISTORY OF GINGER





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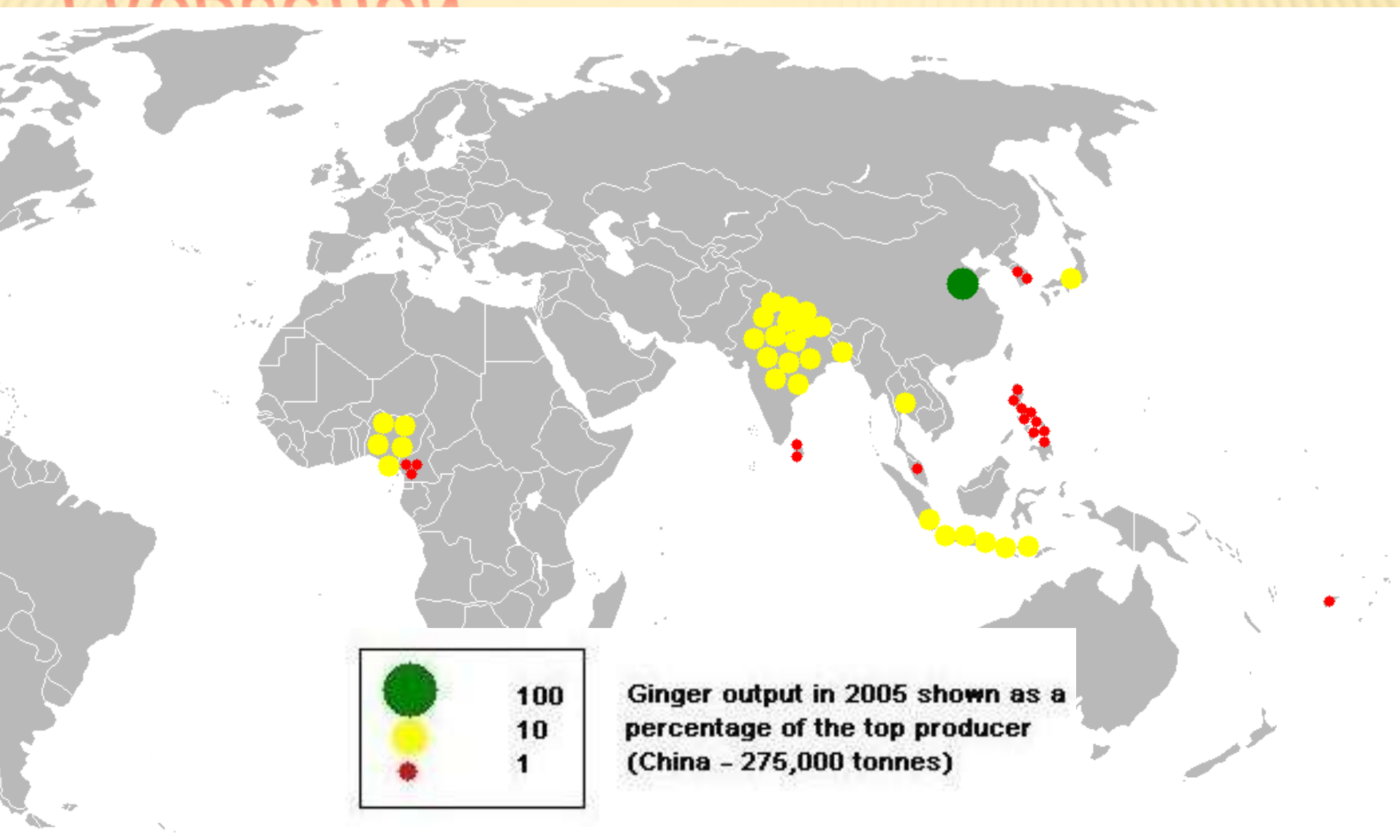


# GINGER CHARACTERISTICS



- One meter tall
- Knobbly/Fleshy Rhizomes
- Purple Flowers
- Red Fruits

# PRODUCTION





# CULTIVATION/HARVESTING



# ***PLANT USES (ASIAN MAINLY)***

- ✕ Dyspepsia
- ✕ Gastroparesis
- ✕ Fatigue
- ✕ Colic
- ✕ Blood thinning and cholesterol lowering properties make it useful for treating heart disease
- ✕ Bind to human serotonin receptors, helping reduce anxiety

# ***PLANT USES (AMERICAN MAINLY)***

- ✖ Common Cold
- ✖ Ginger ale and ginger beer calms upset stomach
- ✖ Ginger water was also used to avoid heat cramps
- ✖ Herbal alternative to antihistamines and antidepressants
- ✖ Reduce blood sugar levels and so help prevent the onset of diabetes
- ✖ Anti-oxidant



# ***DID YOU KNOW?!***

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- ✕ “Zingiber” from Arabic and Greek words meaning “shaped like a horn”. It probably got its name because the rhizomes look like deer's antlers.

# WORKS CITED

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- ✕ "Ginger." *Wikipedia, the Free Encyclopedia*. Web. 13 Apr. 2011. <<http://en.wikipedia.org/wiki/Ginger>>.
- ✕ "PLANT CULTURES - Ginger." *Royal Botanic Gardens, Kew - Home Page*. Web. 13 Apr. 2011. <[http://www.kew.org/plant-cultures/plants/ginger\\_landing.html](http://www.kew.org/plant-cultures/plants/ginger_landing.html)>.

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# Questions