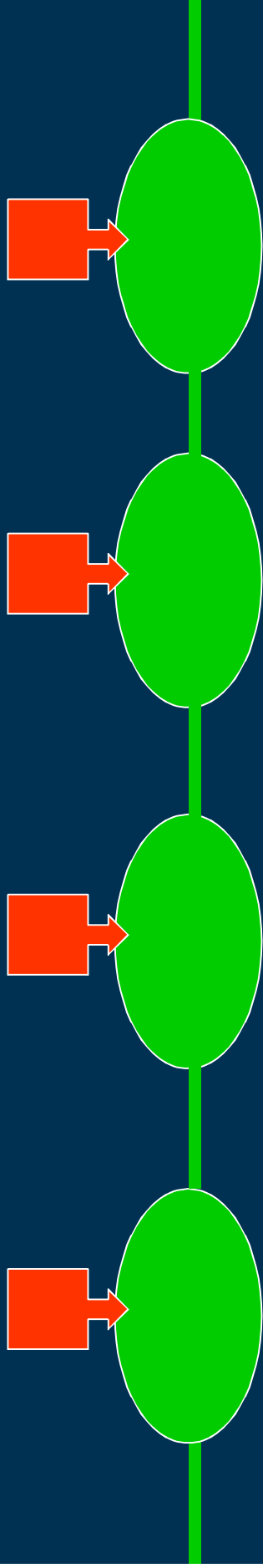
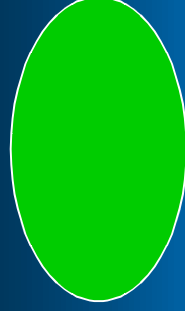


# Apple Pectin



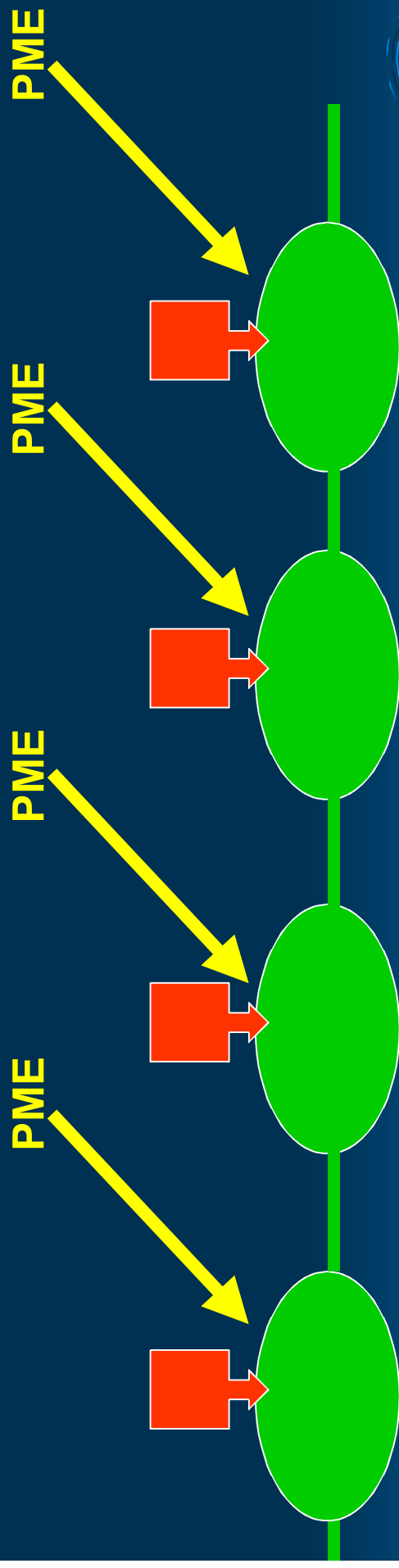
= Methanol



= Galacturonic Acid

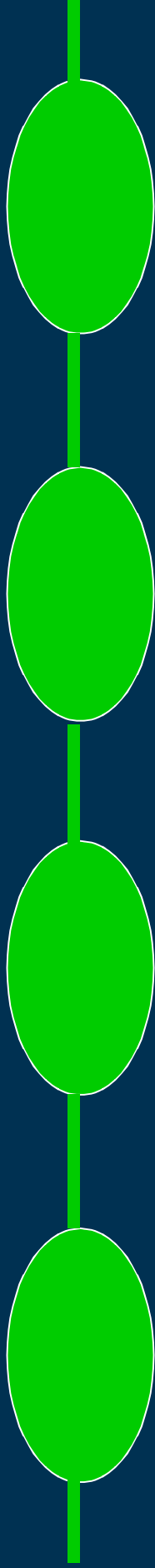


# Enzymic Demethylation



**PME = Pectin Methyl Esterase**





.....free poly-Galacturonic acid...



# Adding Calcium

- **poly-Galacturonic Acid** is negatively charged
- **Calcium** is doubly positively charged
- They come together and...

