



## **MAGUIRES TOBACCO GROWERS GUIDE**

As Recommended by the Tobacco Research Board

**Please remember to always read the label before using any chemical**



### **COAL STOKING PROCESSES AND RECOMMENDATIONS**

#### **AUTOMATIC STOKER OPERATION**

- Ensure that an adequate air supply is maintained to the fire bed.
- Ensure sufficient coal is fed into the furnace through the under-feed auger.
- Once a fire bed is created, ensure that this fire bed is kept heaped and not allowed to collapse.
- DO not allow solid clinker to build up and thereby restrict the air flow upwards through the fire bed.
- The fire should be attended to on a regular basis, perhaps 3 times every hour.
- Care should be taken when pulling out the ash from the fire.
- As a guideline, only fine white ash should be taken out.
- Ash piles should be checked, any dark, unburnt coal should be put back into the hopper for re-use.

#### **HAND STOCKED FURNACES**

- Again make sure an adequate supply of air is fed into the fire.
- Fresh coal should be placed directly in front of the fire bed, and not straight into the fire.
- Only when the gases have been burnt out from the fresh coal will this coal be moved onto the fire bed.
- Once again, this fire bed should be kept heaped up and not allowed to collapse.
- Care should be taken when pulling out ash, again the ash sample should be fine and white.
- Any unburnt coal should be put back onto the fire bed.