

## TIMING CHARTS

<u>200 feet</u>	4.0 mph	34 seconds
	4.5 mph	30 " "
	5.0 mph	27 " "
	5.5 mph	25 " "
	6.0 mph	23 " "
	6.5 mph	21 " "
	7.0 mph	19 " "
	7.5 mph	18 " "
8.0 mph	17 " "	
<u>250 feet</u>	4.0 mph	43 seconds
	4.5 mph	38 " "
	5.0 mph	34 " "
	5.5 mph	31 " "
	6.0 mph	28 " "
	6.5 mph	26 " "
	7.0 mph	24 " "
	7.5 mph	23 " "
8.0 mph	22 " "	
<u>300 feet</u>	4.0 mph	51 seconds
	4.5 mph	45 " "
	5.0 mph	41 " "
	5.5 mph	37 " "
	6.0 mph	34 " "
	6.5 mph	31 " "
	7.0 mph	29 " "
	7.5 mph	27 " "
8.0 mph	26 " "	
<u>500 feet</u>	4.0 mph	85 seconds
	4.5 mph	76 " "
	5.0 mph	68 " "
	5.5 mph	62 " "
	6.0 mph	57 " "
	6.5 mph	52 " "
	7.0 mph	49 " "
	7.5 mph	46 " "
8.0 mph	44 " "	

## THE ORIGINAL STATIONARY PLANTER CALIBRATION UNIT

Operating and Assembly Instructions

**Revised 12-19**

### **CAUTION:**

Keep clear of all moving parts  
Use properly grounded system  
**\*\*No User-Serviceable Parts Inside\*\***  
**Use on 110 Volt Only**

### **IMPORTANT:**

All repairs to the motor and timer must be done by the manufacturer. Call for repair order BEFORE return.

**DO NOT PACK IN "PEANUTS"**  
**ADDITIONAL CHARGES WILL BE INCURRED**

WARRANTY-One year from date of SHIPMENT  
For warranty claims, **motor only** must be  
returned to Ag-Products, Inc. intact  
before repair or replacement can be issued.

MANUFACTURED BY:

**AG-PRODUCTS, INC.**

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You have purchased the most accurate and advanced method of complete planter calibration. Please note: this Unit is solely for the use of planter calibration.

**To mount motor:** Line up welded bolt in stand with **colored hole** on motor. Place motor on mounting plate. Control box should be next to the protector handle on stand. Put 7/16" nut on bolt-do not tighten.

Install 3 5/16x1" bolts with nuts through the remaining holes.

**Do not tighten until all bolts & nuts are in place.**

The unit operates on any planter using a commonshaft drive system and is bi-directional. Always use blank insecticide granules and wear protective clothing. Do **NOT** attempt to calibrate more than 8 rows at one time as overload on the motor may occur.

Be sure rollers in insecticide boxes are in good condition. Worn rollers greatly affect proper rates. Most important, you must know your speed for insecticide calibration. If you calibrate for 5 mph but actually plant at 5.5 mph, you will be off by 10 percent. However, changing population will not change insecticide rate more than 2 percent. The planter must be operated at the manufacturers recommended speed to maintain accuracy.

***Please be sure to read and follow all label directions.***

To begin calibration:

- Remove transmission drive chain.
- All planter boxes must be clean and planter **MUST** turn freely.
- Hook unit with proper socket to commonshaft and determine direction of rotation. This will be the same as the drive wheel rotation.

**Push Button Unit:**

Place proper tubes on funnel under insecticide box and pour in small amount of blank granules. Place toggle switch in desired direction. Using second hand on your watch or a stopwatch, hold push switch in for pre-determined time according to planting speed chart on Unit. Check tube for proper amount and adjust accordingly.

**Toggle Switch Unit:**

Place proper tubes on funnel under insecticide box and pour in small amount of blank granules. Place toggle switch in desired direction. Turn on toggle switch to operate unit continuously. Using second hand on your watch or a stopwatch, run unit for pre-determined time according to planting speed chart on Unit. Check tube for proper amount and adjust accordingly.

***DO NOT allow unit to run while unattended.***