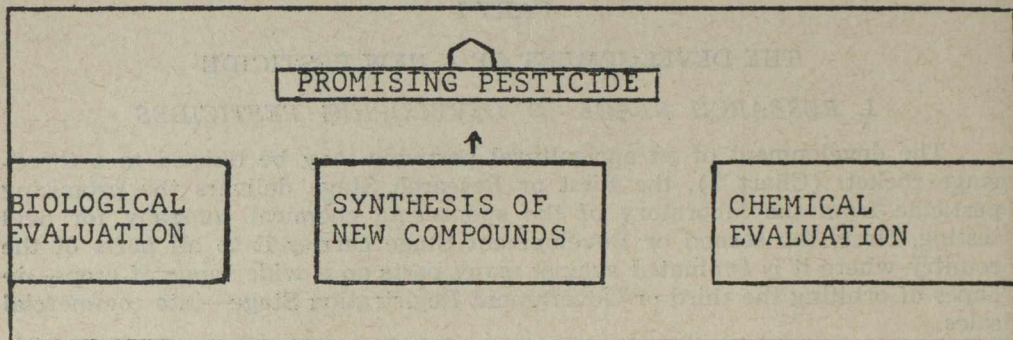


Chart 2—COMPONENT PARTS OF RESEARCH STAGE



The Nucleus or backbone for introducing a new pesticide is the RESEARCH STAGE as shown in Chart 2. Chemical companies such as Cyanamid usually accumulate a large stockpile of chemicals which have been synthesized by other Divisions within the company. Agricultural Research Groups starts by screening these compounds for biological activity against agricultural pests. If a compound shows promise, related compounds may then be synthesized in hopes of discovering a more active material. Those which continue to show promise are chemically assessed before they are sent out for extensive field testing.

Chart 3

