

## 6. Treatment of corn with z.i.p. as a crow repellent.

In the spring of 1953 on the advice of Dr. D. F. Jones of the New Haven Exp. Station, we treated all our corn seed with z.i.p. as a crow repellent. This material provided a complete control of crows. In the 5 acres of treated corn planted less than 100 seeds were pulled. On corn not so treated 25% to 75% loss of stand was experienced. We observed no adverse effects to germination or plant vigor due to the use of z.i.p. even when corn was dusted with Arasan (DuPont) following the application of z.i.p.

The active material in z.i.p. is zinc dimethyl dithiocarbamate cyclohexylamine complex and polyethylene polysulfide. It is sold by the B. F. Goodrich Chemical Company, Cleveland, Ohio. The material was applied to the seed without dilution and no difficulty was experienced due to excess moisture. The concentrated z.i.p. dried on the seed very rapidly even when the seed was treated in 5 coin envelopes.