ABSTRACT

Laila, Lia Fatra Nur, 2011. The distribution of laying egg *Riptortus linearis* (Hemiptera : Alydidae) in soybean. Thesis, Biology department, sains and technology faculty, the state Islamic university of maulana malik Ibrahim malang. Advisor I : Dr. drh. Bayyinatul M, M.Si ; Advisor II : Dr. Ir. Yusmani Prayogo, M. Si. :Advisor III: Dr. Ahmad Barizi M.A

Key words: *Riptortus linearis*, weeds, soybean, egg.

One of important plant disease which attach, soybean is plant disease brown *Riptortus linearis*. The lost of soybean can be caused by attachion of brown *R. linearis* puts his egg in weeds, soybean and leaf of soybean. Today, reins technology which provided for plant disease still rely on the ability of in secticide chemistry.

This research is aim to study about the distribution of laying of brown *Riptortus linearis* egg in soybean. His research conducted in BALITKABI strart form April to July 2010. Research, arrange used lengkap (RAL) Factorial. First factor is age, covered, 35 days after are planted (HST), 42 (HST), 49 (HST), 56 (HST), 3 (HST).

Result of research shows that number of laying egg on soybean in the age of 49 HST (12 srenule/plant) it can cause by soybean on that age because brown *Riptortus linearis* most like it. Branchs and flowers is the place of laying egg, it can be prove that flowering phase (age 35,42,49,56, 63 HST). There is no egg laying on that parb. Age of leaf 35 HST (12,57 Granule/ plant ) is the alternative of laying egg before plant in the soybean. That’s why, reins, stadia egg’s brown *Riptortus linearis* have done. Should show in soybeans leaf.