



NEW ZEALAND BioSECURE



Processing Samples with Many Larvae

Damage to larvae can occur with this process and thus should only be used where there are MANY larvae. Do not use for less than 30 larvae.

Sieve and Cup

Transfer the larvae from out of the tyre trap into a white dish, gently pour into a cup through a sieve. A wash bottle can be used to rinse the larvae to the middle of the sieve. The sieve with the larvae is placed in a cup so the larvae float in a little water puddle and can be transferred into a little sample tube with a pipette. The process can be repeated using some nylon (normally used with the adult light traps), so the smallest larvae are caught and no larvae are going through the nylon's fine mesh, until the complete sample has been sieved and larvae collected.



Larval instars 1 and 2 out of the tyre trap emptied into the white dish.



The larvae are poured into a cup through a sieve.



The wash bottle can be used to rinse the larvae to the middle of the sieve.



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The sieve with the larvae is placed in the cup so the larvae float in a little water and can be transferred into a little sample tube.





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The process can be repeated using some nylon (used with the adult light traps) so the smallest larvae are caught.



No larvae are going through the nylon's fine mesh.