

Role of hydroxamic acids in the resistance of cereals to aphids

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Hydroxamic acid concentration in Gramineae, both natural and incorporated, correlates with resistance to the aphid *Metopolophium dirhodum*.

2,4-Dihydroxy-7-methoxy-2H-1,4-benzoxazin-3(4H)-one, a hydroxamic acid isolated from corn extracts, is deleterious to aphids fed on artificial diets. It is proposed that hydroxamic acids act as naturally-occurring protective factors against *M. dirhodum*. © 1980.