$$\mathcal{L}_{(\delta\Phi)^n} = (-\lambda)^n \frac{3M_P^2}{n!} \frac{n-1}{} \left(\frac{\delta\Phi}{M_P}\right)^n \left(1 + \mathcal{O}\left(\frac{1}{\lambda\langle\Phi\rangle}\right)\right)$$