

Knapsack

Do's & Don'ts

Do

- Use clean water to check...
 - > The sprayer for leaks
 - > The lance cut off valve is working properly
 - > The spray pattern is correct and nozzle flow rate is within 5% of manufacturer's stated output.
- Fill up in a designated pesticide handling area taking care to avoid splashing pesticide concentrate when filling knapsack.
- Read the label before use and follow instructions. Use the rate table overleaf to check the required dose rate.
- Triple rinse containers, measuring jugs and place washings in knapsack.
- Apply the correct dose rate at all times.
- Clean up thoroughly after spraying, triple rinse the spray tank, flush through the lance with clean water.
- Dispose of washing onto the treated area.
- Dispose of cleaned waste packaging by on farm incineration or use of a waste disposal contractor.
- Use stored water or a double check valve.

Don't

- Avoid filling over hard ground or concrete areas unless bunded.
- Never take water directly from a water course, borehole or directly from a domestic supply.
- Never fill near a water course.
- Never wash splashes or spills into drains.
- Never be tempted to overdose either when filling the tank or during application.
- Never overspray buffer zones or water courses.
- Avoid spray drift at all times.

Remember it only takes a tiny amount of pesticide to contaminate water. Every pesticide user, including knapsack operators must follow best practice to protect water

www.nsts.org.uk
www.amenity.org.uk
www.voluntaryinitiative.org.uk

Distributed by

NAD

Blakes Cross,
Lusk, Co. Dublin
Tel: 01 8437808
Email: info@nadirl.co

H₂OK? Think Water

Best Practice
Better Environment

Knapsack

Rate Table



**The
Voluntary
Initiative**

Using standard nozzles giving 200 litres per hectare, assume a full 20 litre knapsack covers 1000 square meters and walking at a rate of one meter per second.

Label Rate Litres per hectare (l/ha)	Dilution ratio	Amount of concentrate to add to one litre of water in millilitres (5ml is one teaspoon)	Area covered by one litre of mixed-up spray solution
1	1:200	5	50m ²
2	1:100	10	50m ²
3	1:67	15	50m ²
4	1:50	20	50m ²
5	1:40	25	50m ²
6	1:33	30	50m ²
7	1:28	35	50m ²
8	1:25	40	50m ²
9	1:22	45	50m ²
10	1:20	50	50m ²

Distributed by

NAD

Blakes Cross,
Lusk, Co. Dublin
Tel: 01 8437808
Email: info@nadirl.com

H₂OK? Think Water

**Best Practice
Better Environment**