



DST that shows the environmental impact of pesticides permitted on the Dutch market. It enables the user to compare and choose the least harmful crop protection strategy.

www.fairway-project.eu
www.pesticideyardstick.eu
www.clm.nl/en/Home_en

Different yardsticks for different crops (e.g. potato, corn, strawberry, tulips).

Overview of permitted pesticides (+maximum dose) per crop.

More Environmental Impact Points = higher environmental impact



The Pesticide Yardstick assigns Environmental Impact Points (EIP) for risk to:



1. Aquatic organisms



2. Leaching to groundwater



3. Soil organisms

Depends on:

Toxicity to aquatic organisms
Percentage drift to the ditch

Percentage organic matter
Pesticide properties
Season of application

Toxicity to soil organisms
Percentage organic matter



It also indicates the risk for natural enemies and pollinators. It shows (within integrated crop protection) if pesticides:
A: fit
B: should be avoided
C: don't fit

Photos: CLM Yardstick

ENVIRONMENTAL IMPACT SHEET
2020
Potato
Fungicides



1,5-3% organic matter		0,5% drift					
Pesticide		Dose (kg/ha of l/ha)	Environmental Impact Points (EIP)			Pollina- tors	Natural enemies
			Water- organisms	Soil- organisms	Ground- water		
Phytophthora							
Amphore Flex, Pergovi Flex		0,6	8	27	0	A	A
Acrobat DF		2	30	96	10	B	B
Banjo Forte, Foly Star 400 SC ²		1	58	25	60	B	?
Canvas ²		0,5	22	7	130	A	?
Curzate M, Viridal		2,5	38	145	8	A	B
Curzate Partner		0,2	6	26	0	A	A
Cymbal Flow		0,5	5	25	0	A	A
Cymoxanil-M		2,3	32	129	7	A	B
Dagonis (PL/SC) ¹ 		0,75	17	1	135	A	?
Danso Flow		0,5	5	25	0	A	A
Dimix 500 SC ²		0,36	3	1	5	B	B
DPX-QGU42		0,15	1	0	0	B	?
Edipro		1,4	0	8	0	A	A

Example of a part of the Environmental Impact sheet for potato, a free download.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727984