



## ASSEMBLY INSTRUCTIONS

# KIT QDC-DXP®-D

## FOR DISC COULTER SEEDERS


**Choosing a QDC-DXP® diffuser, optimizes the effectiveness of your microgranules and your seeds preservation!**

To ensure the best preservation of your seeds, the microgranules need to be well positioned around the whole depth of the seed using a QDC-DXP® diffuser.

For this purpose, it is necessary to equip the micro granulator drop with a diffuser and to proceed with the assembly according to the brand and the type of the coulter or disc planter.

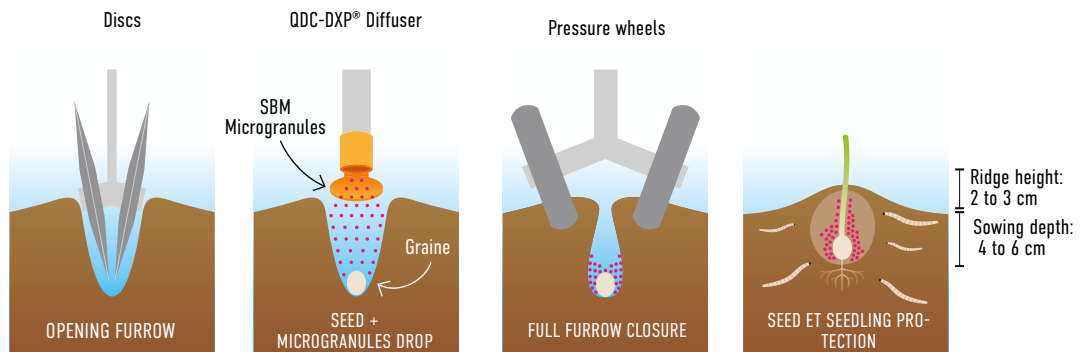
The kits for the QDC-DXP® diffusers installation together with their assembly instructions are available at your micro granule supplier.

Please follow the installation guidelines to optimize your micro granule's efficiency.

 **Application mode**  
**for single seed seeders**  
**(Maize, Sunflower, Sorghum)**

It is important to carry out **a fine seedbed preparation** to ensure a uniform distribution of the microgranules over the entire seedbed section (see diagram below). The coarse preparations as well as a too deep seeding must be banned because they do not allow to realize an effective barrier of protection with your micro granulate around the seed. The optimum efficiency is achieved with **a seeding depth of 4 cm**.

In case of any doubts, please contact your distributor.



 PRODUCT FOR PROFESSIONAL USE: PLEASE RESPECT THE TERMS AND CONDITIONS



# QDC-DXP® DIFFUSER ASSEMBLY

## HORSCH | MAESTRO



### Kit Components



To install the diffuser, you must order the **QDC-DXP®D** kit

The seeder with the micro granular insecticide design has a metal micro granular tube for each seeding unit, on which the diffuser is fitted. It can be purchased as spare part from your HORSCH distributor.



### Assembly

- Disassemble and remove the gauge wheel from the seeder component as well as the the opening disc to reach the original metal micro granule slope - **Pictures 1 & 2**
- Install the QDC-DXP diffuser with a diameter of 25 mm directly on the drop tube between the two discs. Point the diffuser towards the rear of the seeder unit - **Pictures 3 4 & 5**
- When using the press wheel, make sure that there is no contact or friction.
- Reassemble the disk and wheel set.
- Adjust the air flow to ensure that the micro granules are evenly positioned in the V-shaped groove.



# TABLE OF MICROGRANULATOR SETTINGS

Determination of the microgranule dispenser settings for the application of soil insecticide to protect your maize, sunflower, sorghum and sweet corn sowing.

The microgranulator setting is crucial to apply the right dose of your microgranule and optimise its effectiveness against soil-borne pests.

Below are the indicative settings for the microgranule dispensers that provide a flow rate of around 12 kg/ha to be used for the application of microgranules.

For further settings, see <http://www.kits-sav.com>.

These flow rate values are indicative and should be checked regularly. They are valid for a sowing speed of 6 km/hour and according to the manufacturers' instructions.

<b>SETTINGS TABLE FOR A 12 KG/HA DOSE</b> Bulk density of the unconsolidated product: 1,4 kg / litre	80 cm width (96 g/100 m)	75 cm width (90 g/100 m)	60 cm width (72 g/100 m)	50 cm width (60 g/100 m)	Settings mechanism
	Settings	Settings	Settings	Settings	
<b>KUHN PNII/PLII/MAXIMA</b>					
<b>Insecticide rotor</b> new frame	<a href="http://www.kits-sav.com">http://www.kits-sav.com</a>				
Drive pinion (top)	20	16	16	16	pinions + index
Driven pinion (bottom)	16	20	20	20	
Index position	5	10.5	6.5	4.5	
<b>NODET PNEUMASEM</b>					
<b>Insecticide rotor</b> previous frame	<a href="http://www.kits-sav.com">http://www.kits-sav.com</a>				
Drive pinion (top)	16	16	12	12	pinions + index
Driven pinion (bottom)	20	20	24	24	
Index position	5,5	4.5	7.5	5	
<b>MONOSEM MICROSEM</b>					
<b>Insecticide rotor</b> current model	<a href="http://www.kits-sav.com">http://www.kits-sav.com</a>				
Pinion A	12	25	12	12	2-stage pinions
Pinion B	18	25	25	18	
Pinion C	20	12	20	12	
<b>MONOSEM MICROSEM</b>					
<b>Microsem</b> with variable drive	<a href="http://www.kits-sav.com">http://www.kits-sav.com</a>				
<b>MASCHIO GASPARDO</b>					
<b>Insecticide rotor</b>	<a href="http://www.kits-sav.com">http://www.kits-sav.com</a>				
Index position	A9	A8	A5	A3,5	Pinions

SBM Développement declines all liability for the efficacy of the soil microgranule insecticide products approved and manufactured by SBM Développement or its subsidiaries («SBM Microgranules»), requiring the use of the QDC-DXP® in the following cases:

- If SBM Micro Granules are applied with non-recommended equipment, or if the QDC-DXP® diffuser assembly or the settings are not compliant with the technical specifications given by the company or its dealers.
- If SBM Micro Granules are not applied with the QDC-DXP® diffuser specially designed to do so, or if the application is carried out without a diffuser.

As the QDC-DXP® diffuser was specifically designed for the application of SBM microgranules. SBM Développement declines all liability for the use of the QDC-DXP® to apply products other than SBM Microgranules.

## TECHNICAL TEAMS AT YOUR SERVICE



**WEBSITE**

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