



ASSEMBLY INSTRUCTIONS



# PROSEM K

FOR DISC COULTER SEEDERS

**Choosing a QDC-DXP<sup>®</sup> 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<sup>®</sup> 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 coulters or disc planter.

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

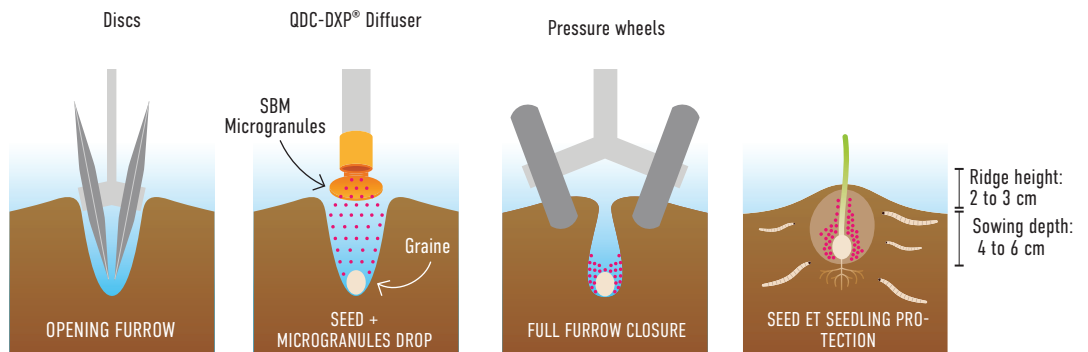
Please follow the installation guidelines to optimize your micro granule's efficiency.



**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





**Kit Components**



**Tools**



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

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

**Assembly**

- Remove the drop tube from its place - **Picture 1**
- Shorten it by sawing over the bevel - **Picture 2**
- Fix the reducer on the 25 mm QDC-DXP® diffuser and put the clamp - **Picture 3**
- Put the drop tube back into its place first and then fix the diffuser and its reducer - **Picture 4**
- Adjust the assembly to face the diffuser backwards and secure it using the clamp - **Picture 5**
- Finish mounting the micro granule drop tube on the element and then attach it to the micro granulator tube of your seeder - **Picture 6**
- Reassemble the wheel - **Picture 7**
- Check the positioning after a few hours of operation and generally throughout your seeding campaign.



\*In case of breakage, spare parts can be ordered from [kits-sav.com](http://kits-sav.com), the supplier of the original kits.

# 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.

For more details on microgranulator settings, we recommend that you contact your dealer or seed drill manufacturer.

<b>SETTINGS TABLE FOR A 12 KG/HA DOSE</b> Bulk density of the unconsolidated product: <b>1,4 kg / litre</b>	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	

## KUHN PNII/PLII/MAXIMA

**Insecticide rotor** new frame <http://www.kits-sav.com>

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	

## NODET PNEUMASEM

**Insecticide rotor** previous frame <http://www.kits-sav.com>

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	

## MONOSEM MICROSEM

**Insecticide rotor** current model <http://www.kits-sav.com>

Pinion A	12	25	12	12	2-stage pinions
Pinion B	18	25	25	18	
Pinion C	20	12	20	12	

## MONOSEM MICROSEM

**Microsem** with variable drive <http://www.kits-sav.com>

## MASCHIO GASPARDO

**Insecticide rotor** <http://www.kits-sav.com>

Index position	A9	A8	A5	A3,5	Pinions
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## TECHNICAL TEAMS AT YOUR SERVICE



**WEBSITE**



**E-MAIL ADDRESS**



**HOTLINE**

[www.kits-sav.com](http://www.kits-sav.com) [kits.sav@sbm-company.com](mailto:kits.sav@sbm-company.com) + 33 (0) 6 72 40 94 31

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.

