

# Product Information Sheet

Reviewed July 2025



<b>Product</b>	NUXINE			
<b>Active ingredient</b>	Cerevisane 100 g/l			
<b>Formulation</b>	Suspension Concentrate (SC)			
<b>MAPP number:</b>	21329			
<b>Mode of action</b>	<p>Host plant defence inducer (FRAC MOA code P06) – prepares plants for defence against fungal attacks by stimulating their natural disease defence mechanisms.</p> <p><i>This MOA will play an increasingly significant role in integrated disease control and resistance management programmes – substances in this group prime the crop and do not target pathogens directly, with a low risk of resistance development thought likely.</i></p>			
<b>Pack size</b>	10 litres			
<b>Aquatic buffer zone</b>	N/A			
<b>Non-target arthropod</b>	N/A			
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• NUXINE provides efficient protection against certain fungal diseases from 24h after application for 7-10 days.</li> <li>• The active ingredient is derived from yeast but is not living, meaning no special storage requirements beyond normal good practice, as per other PPPs.</li> <li>• Complementary mode of action to partner other fungicides in tank-mix or sequential applications.</li> <li>• Potential to reduce fungicide rates applied while maintaining efficacy and protection, particularly early in programmes and certain lower disease risk situations.</li> </ul>			
<b>RECOMMENDATIONS</b>				
<b>Crops</b>	<b>Full dose</b>	<b>Total dose</b>	<b>No. of applications</b>	<b>Latest time of application</b>
<b>Sugar beet,</b> spinach*, beetroot*, garden beet*, chard*, fodder beet*, chicory*	2.0 l/ha	-	5	BBCH 49 (root at harvestable size)
<b>Oilseed rape,</b> flat-seed false flax*, gold-of-pleasure*, turnip*, mustard*	2.0 l/ha	-	1	BBCH 72 (20% pods at final size)
<p>* These uses are qualified recommendations as crop safety on these crops is based on limited evidence. For all qualified recommendations users are advised to test a small area first to establish crop safety.</p>				

<b>Agronomy Solutions</b>	<p><b>Sugar beet:</b> NUXINE 2.0 l/ha alone or in mix with standard fungicide programme before significant disease is visible in the crop. Repeat with subsequent treatments up to a maximum of 5 applications per crop, with a minimum interval of 14 days.</p> <p><b>Oilseed rape:</b> NUXINE 2.0 l/ha + fungicide. Potential to reduce rates of standard fungicides, e.g. prothioconazole or azoxystrobin, and achieve similar levels of disease reduction when applied in tank mix with NUXINE for sclerotinia protection at BBCH 65.</p>	
<b>Label diseases</b>	<p>Beet leaf spot (<i>Cercospora beticola</i>) – moderate/useful control</p> <p>Root rot (<i>Sclerotinia sclerotiorum</i>) – moderate/useful control</p>	
<b>Additional activity</b>	<p>Owing to the systemic mode of action and stress reduction on crops following applications of NUXINE, it is possible that disease management benefits beyond the above named diseases may also be obtained.</p> <p>If target disease is active and exists at high levels in the crop then the priming effect from including NUXINE may be less pronounced.</p>	
<b>Time of application</b>	<p><b>Sugar beet:</b> apply between BBCH 31 (beginning of crop cover; leaves cover 10% of the ground) and BBCH 49 (root at harvestable size).</p> <p><b>Oilseed rape:</b> apply between BBCH 65 (full flowering) and BBCH 72 (20% pods at full size).</p>	
<b>Extension Of Authorisation for Minor Use (EAMU)</b>	N/A	
<b>Wash-out procedure</b>	Standard – thoroughly clean sprayer, including tank, hoses and filters after use.	
<b>Water volume</b>	<b>Minimum water (at full dose)</b>	<b>Recommended water (label)</b>
	–	200-300 l/ha
<b>Other useful Information</b>	<p>FRAC use guidelines: Plant Defence Inducer belonging to FRAC classes with code P1-P08 can be used solo or in mixtures with partners at manufacturer's recommended effective rates. There are no limitations or restrictions concerning the number of applications, the timing, or the sequence as long as they are within the limits of the manufacturer's labels and local regulatory requirements.</p>	
<b>Best use advice</b>	<ul style="list-style-type: none"> <li>• Maintain agitation throughout mixing and until spraying is completed.</li> <li>• Apply preventatively or at first signs of disease, in mix with fungicides with different modes of action as part of an integrated disease management programme.</li> <li>• NUXINE promotes and speeds up a crop's natural response to infection to defend itself.</li> <li>• Repeated use of NUXINE from early stages in programmes has been shown to slow the subsequent progression of disease, reducing overall pressure on a crop.</li> </ul>	
<b>Tank mix</b>	Physically compatible with a wide range of crop protection products – consult Nufarm for latest available information.	
<b>Pre-harvest interval</b>	N/A	
<b>Following crop information</b>	No restrictions due to the use of NUXINE on previous crops.	