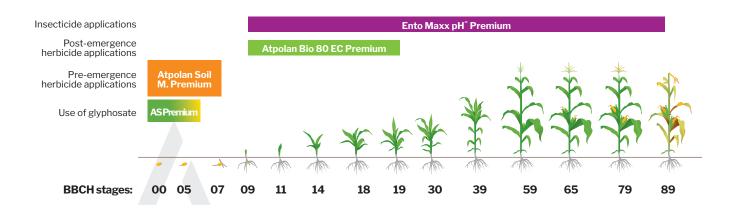
## Adjuvants in maize

Basic treatments in maize [no. of applications]	Main active substances	Recom- mended adjuvants	Key benefits
glyphosate pre- emergence (couch grass and early emerging annual weeds)	glyphosate	AS Premium + Zero Foam	<ul> <li>30%-50% higher efficacy or</li> <li>possible reduction of glyphosate herbicide rates by 30% (lower costs)</li> <li>no adjacent crop injury and no environmental pollution</li> <li>higher yields and profits</li> </ul>
[1]			
pre-emergence herbicides [1]	atrazine, cyprosulfamide, dimethenamid-P, isoxaflutole, mesotrione, pendimethalin, s-metolachlor, terbuthylazine, thiencarbazone-methyl	Atpolan Soil Maxx Premium	<ul> <li>reduced herbicide off-site drift</li> <li>increased uptake of herbicide by weeds, also in drought</li> <li>reduced leaching of herbicides from the weed germination zone - no crop injury and environmental pollution</li> <li>higher and longer efficacy of soil-applied herbicides</li> <li>higher yields and profits</li> </ul>
post-emergence herbicides [1]	2,4-D, atrazine, bentazon, bromoxynil, dicamba, florasulam, flufenacet, fluroxypyr, foramsulfuron, lodosulfuron-methyl-sodium, mesotrione, rimsulfuron, sulcotrione, terbuthylasine, thiencarbazone-methyl	Atpolan Bio 80 EC Premium	<ul> <li>higher efficacy of herbicides (10%-30%) ensuring control of hard to control weeds or</li> <li>possible reduction of rates by 30% resulting in no plant growth inhibition</li> <li>maintained efficacy of herbicides in adverse conditions (esp. drought)</li> <li>no adjacent crop injury and no pollution of the environment</li> <li>higher yields and profits</li> </ul>
insecticides (e.g. aphids, European corn borer, western corn rootworm) [1]	beta - cyfluthrin, lambda - cyhalothrin, deltamethrin, chlorantraniliprole	Ento Maxx pH⁻ Premium	<ul> <li>20%-30% higher efficacy</li> <li>possible reduction of insecticide rates by 30% while maintaining the same high efficacy level</li> </ul>
spray tank cleaning [2]	-	Clean Max	<ul> <li>safety of the following applications - certainty of no pesticide residues in a spraying systems</li> <li>no crop loss / contamination and resulting compensations</li> <li>prolonged longevity of plant protection equipment</li> <li>lower costs and higher profits</li> </ul>



ADJUVANTS REDEFINED