**Prolamin groups and their monomers or polymers in the Triticeae tribe**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Group** | **Wheat** | **Barley** | **Rye** | **Polymer/monomer** |
| **S-rich prolamins** | | | | |
| γ type | Type γ gliadins | Type γ gordenins | Mr 40000-γ-secalins | Monomer |
| Mr 75000-γ-secalins | Polymer |
| α type | Type α gliadins | – | – | Monomer |
| Aggregate type | LМ-glutenin group | B-gordenins | – | Polymer |
| S-poor prolamins | ω-gliadins | С-gordenins | ω-secalins | Monomer |
| High molecular prolamins | Glutenin group with HM subunits | D-gordenins | HM secalins | Polymer |

HM, high molecular; LM, low molecular; S, sulfur