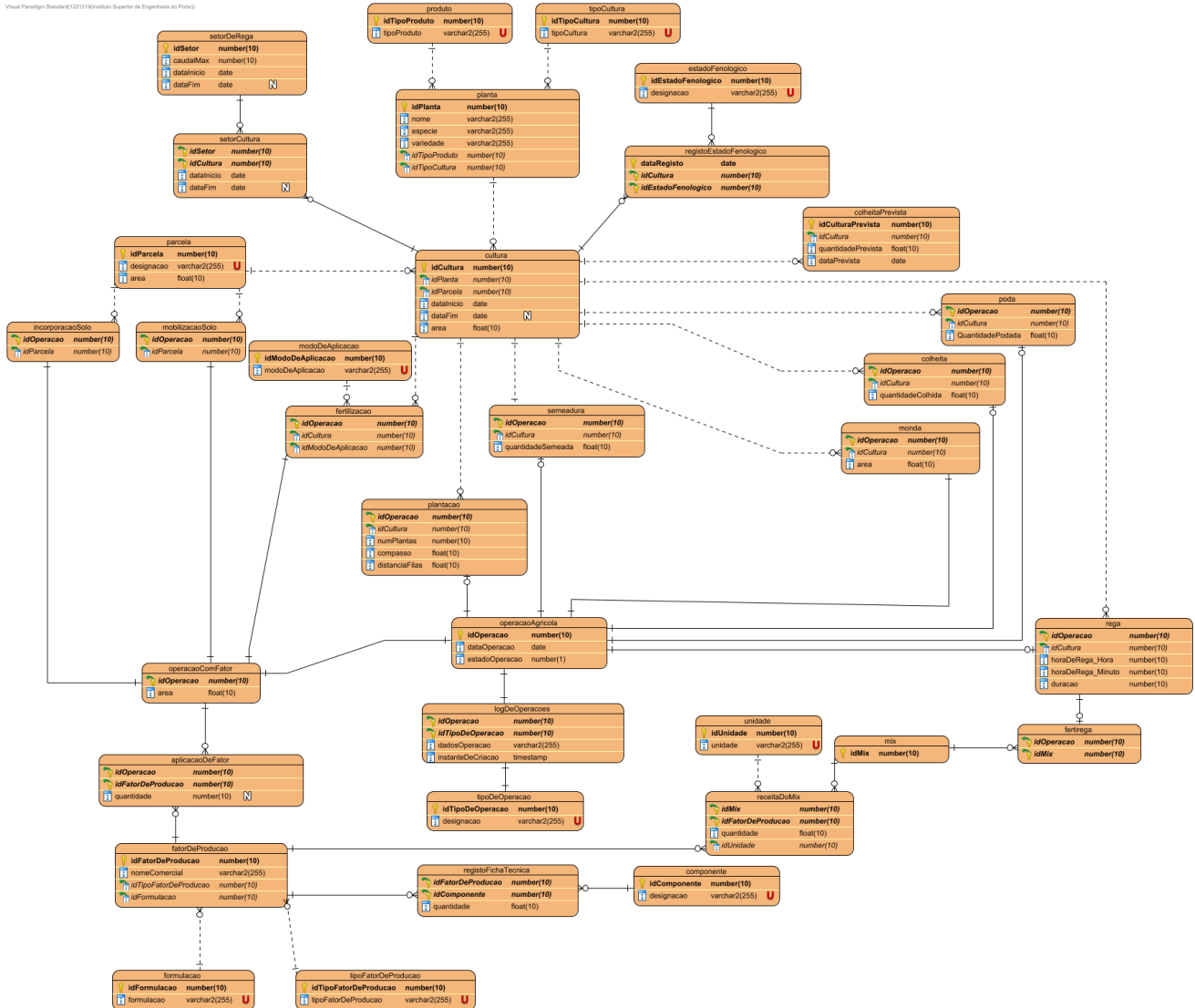


Visual Paradigm Standard(1221219(Instituto Superior de Engenharia do Porto)







## 1.1. aplicacaoDeFator

### 1.1. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">aplicacaoDeFator</a>
- -< unnamed	 <a href="#">fatorDeProducao</a>	 <a href="#">aplicacaoDeFator</a>

## 1.2. colheita

### 1.2. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoAgricultura</a>	 <a href="#">colheita</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">colheita</a>

## 1.3. colheitaPrevista

### 1.3. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">colheitaPrevista</a>

























## 1.4. componente

### 1.4. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">componente</a>	 <a href="#">registroFichaTecnica</a>

## 1.5. cultura

### 1.5. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">colheitaPrevista</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">registroEstadoFenologico</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">setorCultura</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">rega</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">poda</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">semeadura</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">colheita</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">plantacao</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">monda</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">fertilizacao</a>
- -< unnamed	 <a href="#">planta</a>	 <a href="#">cultura</a>
- -< unnamed	 <a href="#">parcela</a>	 <a href="#">cultura</a>

## 1.6. estadoFenologico

### 1.6. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">estadoFenologico</a>	 <a href="#">registoEstadoFenologico</a>

## 1.7. fatorDeProducao

### 1.7. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">fatorDeProducao</a>	 <a href="#">registoFichaTecnica</a>
- -< unnamed	 <a href="#">fatorDeProducao</a>	 <a href="#">aplicacaoDeFator</a>
- -< unnamed	 <a href="#">fatorDeProducao</a>	 <a href="#">receitaDoMix</a>
- -< unnamed	 <a href="#">tipoFatorDeProducao</a>	 <a href="#">fatorDeProducao</a>
- -< unnamed	 <a href="#">formulacao</a>	 <a href="#">fatorDeProducao</a>





## 1.8. fertilizacao

### 1.8. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">fertilizacao</a>
- -< unnamed	 <a href="#">modoDeAplicacao</a>	 <a href="#">fertilizacao</a>
- -< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">fertilizacao</a>



## 1.9. fertirega

### 1.9. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">rega</a>	 <a href="#">fertirega</a>
- -< unnamed	 <a href="#">mix</a>	 <a href="#">fertirega</a>





## 1.10. formulacao

### 1.10. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">formulacao</a>	 <a href="#">fatorDeProducao</a>





## 1.11. incorporacaoSolo

### 1.11. Relationships

Relationship	From	To
-!-< unnamed	 <a href="#">parcela</a>	 <a href="#">incorporacaoSolo</a>
-!-< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">incorporacaoSolo</a>




## 1.12. logDeOperacoes

### 1.12. Relationships

Relationship	From	To
-!-< unnamed	 <a href="#">operacaoAgricultura</a>	 <a href="#">logDeOperacoes</a>
-!-< unnamed	 <a href="#">tipoDeOperacao</a>	 <a href="#">logDeOperacoes</a>





## 1.13. mix

### 1.13. Relationships

Relationship	From	To
-!-< unnamed	 <a href="#">mix</a>	 <a href="#">receitaDoMix</a>
-!-< unnamed	 <a href="#">mix</a>	 <a href="#">fertilizante</a>

## 1.14. mobilizacaoSolo

### 1.14. Relationships

Relationship	From	To
-!-< unnamed	 <a href="#">parcela</a>	 <a href="#">mobilizacaoSolo</a>
-!-< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">mobilizacaoSolo</a>





## 1.15. modoDeAplicacao

### 1.15. Relationships

Relationship	From	To
-!-< unnamed	 <a href="#">modoDeAplicacao</a>	 <a href="#">fertilizacao</a>







## 1.16. monda

### 1.16. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">monda</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">monda</a>

## 1.17. operacaoAgricola

### 1.17. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">rega</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">plantacao</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">poda</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">semeadura</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">colheita</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">monda</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">operacaoComFator</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">logDeOperacoes</a>






## 1.18. operacaoComFator

### 1.18. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">fertilizacao</a>
- -< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">mobilizacaoSolo</a>
- -< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">incorporacaoSolo</a>
- -< unnamed	 <a href="#">operacaoComFator</a>	 <a href="#">aplicacaoDeFator</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">operacaoComFator</a>

## 1.19. parcela

### 1.19. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">parcela</a>	 <a href="#">cultura</a>
- -< unnamed	 <a href="#">parcela</a>	 <a href="#">incorporacaoSolo</a>
- -< unnamed	 <a href="#">parcela</a>	 <a href="#">mobilizacaoSolo</a>





## 1.20. planta

### 1.20. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">planta</a>	 <a href="#">cultura</a>
- -< unnamed	 <a href="#">produto</a>	 <a href="#">planta</a>
- -< unnamed	 <a href="#">tipoCultura</a>	 <a href="#">planta</a>





## 1.21. plantacao

### 1.21. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">plantacao</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">plantacao</a>

## 1.22. poda

### 1.22. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">poda</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">poda</a>

## 1.23. produto

### 1.23. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">produto</a>	 <a href="#">planta</a>

## 1.24. receitaDoMix

### 1.24. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">mix</a>	 <a href="#">receitaDoMix</a>
- -< unnamed	 <a href="#">fatorDeProducao</a>	 <a href="#">receitaDoMix</a>
- -< unnamed	 <a href="#">unidade</a>	 <a href="#">receitaDoMix</a>





## 1.25. rega

### 1.25. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">rega</a>	 <a href="#">fertirega</a>
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">rega</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">rega</a>

## 1.26. registoEstadoFenologico

### 1.26. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">registoEstadoFenologico</a>
- -< unnamed	 <a href="#">estadoFenologico</a>	 <a href="#">registoEstadoFenologico</a>





## 1.27. registoFichaTecnica

### 1.27. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">fatorDeProducao</a>	 <a href="#">registoFichaTecnica</a>
- -< unnamed	 <a href="#">componente</a>	 <a href="#">registoFichaTecnica</a>



## 1.28. semeadura

### 1.28. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">operacaoAgricola</a>	 <a href="#">semeadura</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">semeadura</a>

## 1.29. setorCultura

### 1.29. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">setorDeRega</a>	 <a href="#">setorCultura</a>
- -< unnamed	 <a href="#">cultura</a>	 <a href="#">setorCultura</a>

## 1.30. setorDeRega

### 1.30. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">setorDeRega</a>	 <a href="#">setorCultura</a>

## 1.31. tipoCultura

### 1.31. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">tipoCultura</a>	 <a href="#">planta</a>

## 1.32. tipoDeOperacao

### 1.32. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">tipoDeOperacao</a>	 <a href="#">logDeOperacoes</a>



## 1.33. tipoFatorDeProducao

### 1.33. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">tipoFatorDeProducao</a>	 <a href="#">fatorDeProducao</a>

## 1.34. unidade

### 1.34. Relationships

Relationship	From	To
- -< unnamed	 <a href="#">unidade</a>	 <a href="#">receitaDoMix</a>