Cultivar Development course ALA 2.13

BMS Crop Ontology Curation Tool

By Rita H. Mumm
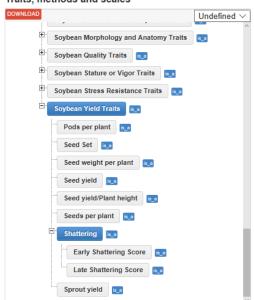
PBEA

PLANT BREEDING E-LEARNING IN AFRICA

Crop Ontology Curation Tool

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Traits, methods and scales

DOWNLOAD

Undefined ∨

Soybean Morphology and Anatomy Traits is_a

Soybean Quality Traits is_a

Soybean Stature or Vigor Traits is_a

Soybean Stress Resistance Traits is_a

Soybean Yield Traits is_a

 Pods per plant is_a

 Seed Set is_a

 Seed weight per plant is_a

 Seed yield is_a

 Seed yield/Plant height is_a

 Seeds per plant is_a

 Shattering is_a

  Early Shattering Score is_a

  Late Shattering Score is_a

 Sprout yield is_a

Term information

Shattering   Permalink ▾ General   0 Comments

Identifier	SOY:0001302
comment	Pod shattering during drying reduces recovery and thus yield. Pod dehis (QTL symbol). Has been measured using a 10 point scale, 0 <= 1%, 1 = 1-10%, 2 = 11-20%, 3 = 21-30%, 4 = 31-40%, 5 = 41=50%, 6 = 51-60%, 7 = 61-70%, 8 = 71-80%, 9 = 81-90%, 10 = 91-100% shattered. Also called pod dehiscence.
created_at	Thu Apr 16 20:43:25 UTC 2015
created_by	rnelson
creation_date	2010-05-21T03:15:13Z
def	"The propensity of a soybean pod to shatter during drying." [SoyTO:rtn]
namespace	soybean_trait
synonym	"grain shattering" RELATED [],"Pod Dehiscence" EXACT [],"Shattering" EXACT []
xref	TO:TO:0000473 "grain shattering"
name	Shattering

Add a new attribute

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Traits, methods and scales

DOWNLOAD   Undefined ∨

⊞ Soybean Growth and Development Traits   is_a

⊞ Soybean Morphology and Anatomy Traits   is_a

⊞ Soybean Quality Traits   is_a

⊟ Soybean Stature or Vigor Traits   is_a

   Canopy Width   is_a

   ⊞ Chlorosis   is_a

   Drought Susceptibility Index   is_a

   Height/Lodging   is_a

   Leaf Scorch   is_a

   Lodging   is_a

   Node Number   is_a

   ⊞ Plant Height   is_a

   Plant weight   is_a

   Row spacing response   is_a

   Stem strength   is_a

⊞ Soybean Stress Resistance Traits   is_a

Term information

Lodging   Permalink   ▾ General   0 Comments

Identifier SOY:0001393

comment This trait is measured using a 1 to 5 scale: 1= Almost all plants erect, 2=All plants leaning slightly or a few plants down, 3=All plants leaning moderately (45 degrees), or 25% - 50% of plants down, 4= All plants leaning considerably, or 50% - 80% of plants down, 5= Prostrate, almost all plants down. Measured at R8. QTL map symbol is "Ldge".

created_at Thu Apr 16 20:44:16 UTC 2015

def "Tendency of plant to lodge, measured at maturity." [SoyTO:001]

namespace soybean_trait

synonym "Ldge (QTL symbol)" RELATED []

xref PO:PO:0006341 "primary shoot system",TO:TO:0000051 "stem strength",TO:TO:0000068 "lodging incidence"

name Lodging

Add a new attribute